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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS), CUBI PO--ETC(U)
JUL 78

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1 OF 4
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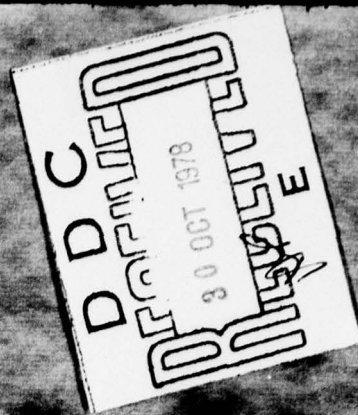
DIRECTOR

NAVAL OCEANOGRAPHY AND METEOROLOGY

S M O S

(Summary of Meteorological Observations, Surface)

Prepared by
Naval Weather Service Detachment
Federal Building
Asheville, N. C. 28801



No. 10006

Period: 1977

Station: CUBI POINT, NY

Date: JULY, 1978




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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Summary of Meteorological Observations, Surface (SMOS) Cubi Point, P.I.		5. TYPE OF REPORT & PERIOD COVERED Reference report 1955-1977
7. AUTHOR(s) Naval Weather Service Detachment Asheville, N. C. 28801		6. PERFORMING ORG. REPORT NUMBER
9. PERFORMING ORGANIZATION NAME AND ADDRESS Naval Weather Service Detachment Federal Building Asheville, N. C. 28801		8. CONTRACT OR GRANT NUMBER(s)
11. CONTROLLING OFFICE NAME AND ADDRESS Director, Naval Oceanography and Meteorology National Space Technology Laboratories NSTL Station, MS 39529		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		12. REPORT DATE July 1978
		13. NUMBER OF PAGES 358
		15. SECURITY CLASS. (of this report) Unclassified
16. DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited.		15a. DECLASSIFICATION/DOWNGRADING SCHEDULE
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		ACCESSION for NTIS White Section <input checked="" type="checkbox"/> DDC Buff Section <input type="checkbox"/> UNANNOUNCED <input type="checkbox"/> JUSTIFICATION _____ BY _____ DISTRIBUTION/AVAILABILITY CODES Dist. AVAIL and/or SPECIAL
18. SUPPLEMENTARY NOTES		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) Climatology, surface wind, temperature, precipitation, ceiling, visibility, relative humidity, station pressure, extreme temperatures, sea level pressure, daily temperature, weather conditions, monthly climatology, Naval shore facility, coastal region, snow depth, cloud cover, Cubi Point, P.I.		
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This data report consists of a six part statistical summary of surface weather observations. The six parts are: Part A - Weather Conditions/Atmospheric Phenomena, Part B - Precipitation/Snowfall/Snow Depth, Part C - Surface Winds, Part D - Ceiling versus Visibility/Sky Cover, Part E - Psychrometric Summaries, Part F - Station Pressure/Sea Level Pressure		

STATION NO OR SUMMARY	STATION NAME	LONGITUDE	STATION ELEV. (FT)	CALL SIGN	WMO NUMBER
41231	Cubi Point, P. I.	14° 47' N 120° 16' E	55	RPNB	98426

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF BARO LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FEET	TYPE BAROMETER	
1.	Weather service office in operation building	USN	1956	1967	14° 47' N	120° 16' E	60.39	Mercurial	*Var
2.	Weather service office	"	1967	1970	"	"	60.40	"	24
3.	"	"	1970	1973	"	"	62	"	24
1a.	"	"	1956		"	"	62	Aneroid	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS ADDITIONAL EQUIPMENT OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1.	Installed 1955	On control tower with vane extending eight feet above tower roof	AN/UMQ-5	RD-108	10'	* Commenced 24-hour observation program June 1958.
2.	1962	700 feet north of runway	AN/UMQ-5C	RD-108	7'	1. Barograph (2645-43) 2. Semi-auto Met station (AN-GMQ-14B)
3.	1972	Height change	"	"	12'	3. Ceiling light (ML-121) 4. Theodolite (ML-247) 5. Satellite Tracking Antenna (GKR-4) 6. Radar Set Meteorological (AN/FPS-106(V)1)

SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

DIRNAVOCEANMET ltr 3146 Ser 1032 dated 26 August 1977 (NOTAL) established the following policy for SMOS production and updating:

1. Ten years of data will be used as the standard period of record (POR).
2. All available data will be used for extreme values.
3. Summarize (update) every five years.
 - a. Summarize the five year period (1973-1977) for all sections of the SMOS except extremes. The 5 year summary will be an intermediate SMOS to show secular trends. All available data through 1977 will be included for extreme values.
 - b. The update in 1983 will include the POR 1973 through 1982, with all available data through 1982 for extreme values.
 - c. The update in 1988 will be an intermediate SMOS (POR 1983-1987). All available data through 1987 will be included for extreme values.
 - d. In 1993 the POR will be 1983 through 1992. All available data through 1992 will be used for extreme values.

Each standard POR (10 years) summary should be retained by individual stations along with the SMOS prepared in 1973. The retention of these summaries will provide the most comprehensive climatological file for your station.

DESCRIPTION: Preceding each section is a brief description of the data comprising each part of the summary and the manner of presentation. Tabulations are prepared from 3-hourly and daily observations recorded by stations operated by the U.S. Navy and U.S. Marine Corps. 3-hourly observations are defined as these record or record-special observations recorded at scheduled 3-hourly intervals. Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations (prepared from record-special, local, summary of the day, remarks, etc.).

COMMENT: All observations summarized in this tabulation have been computer edited for consistency and reasonableness prior to, or during, the processing stage. Efforts to improve the quality of the data after summarization are expensive, i.e., the improvement might consist of the elimination of one suspect or erroneous value. The cost of preparing "perfect" copy can be prohibitive due to the handwork involved. Suspect cases will occur infrequently, but users should not disregard extreme values completely as some could be valid. Questionable values will most likely be single occurrences shown by a percentage frequency of ".0". (This value indicates a percent less than ".05," which, in most cases, reflects a single observation.) Since most stations summarized now have in excess of 10,000 3-hourly observations, the occurrence of an occasional spurious value should not in itself be considered significant. Every effort is made by this office to maintain a high degree of accuracy and reliability in these tables, and the Naval Weather Service Detachment (NWS), Asheville, N. C. welcomes your comment and criticisms.

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from 3-hourly observations, and is presented in three tables as follows:

1. By month and annual, all hours and years combined.
2. By month and annual, all hours and years combined, by wind direction.
3. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

NOTE: The total number of observations may vary among tables within the same month and period. Percentages may not always equal 100.0 due to rounding practices.

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual columns may not equal the total columns.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTE: A day with rain and/or drizzle was not separately reported in WEAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than 5/8 mile.

Percentage Frequency of Wind Direction vs. Weather Conditions - This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and years combined. The main body of the Summary consists of weather conditions (horizontally) and wind directions (vertically) to 16 compass points (plus calm). Column totals show the number of observations. "% Total" indicates percentage frequency of occurrences.

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 1977

41231 STATION CUBI POINT, PHILIPPINES 73-77 YEARS MONTH JAN

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	02		1.3				1.3						155
	05		1.3				1.3						155
	08		.6				.6						155
	11												155
	14		4.5				4.5						155
	17		.6				.6						155
	20												155
	23		1.9				1.9						155
TOTALS			1.3				1.3						1240

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WEATHER CONDITIONS

FEB
MONTH

73-77

YEARS

CUBI POINT, PHILIPPINES

STATION NAME

41231

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	02												141
	05		.7				.7						141
	08												141
	11												141
	14		2.8				2.8						141
	17		1.4				1.4						141
	20		1.4				1.4						141
	23												141
TOTALS			.8				.8						1128

WEATHER CONDITIONS

5761 WEATHER CONDITIONS JAN 1988

41231 CUBI POINT, PHILIPPINES 73-77 MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	02												155
	05		.6				.6						155
	08								1.3			1.3	155
	11												155
	14	1.3	1.3				1.3						155
	17		.6				.6						155
	20		.6				.6						155
	23												155
TOTALS		.2	.4				.4		.2			.2	1240

WEATHER CONDITIONS

41231 CUBI POINT, PHILIPPINES 73-77 APR MONTH

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	02	.7	.7				.7						150
	05												150
	08												150
	11												150
	14	.7	.7				.7						150
	17	.7	.7				.7						150
	20	.7	.7				.7						150
	23		.7				.7						150
TOTALS		.4	.4				.4						1200

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 1968

41231 CUBI POINT, PHILIPPINES 73-77 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	02	3.9	7.1				7.1						155
	05	1.3	7.1				7.1						155
	08	1.3	5.8				5.8		1.3			1.3	155
	11	1.9	5.8				5.8						155
	14	3.9	9.7				9.7		.6			.6	155
	17	4.5	10.3				10.3						155
	20	4.5	11.6				11.6						155
	23	2.6	12.9				12.9						155
TOTALS		3.0	8.8				8.8		.2			.2	1240

WEATHER CONDITIONS

61231

CUBI POINT, PHILIPPINES

73-77

JUN

MONTH

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	02	2.7	18.7				18.7						150
	05	2.0	10.7				10.7						150
	08		8.0				8.0						150
	11		7.3				7.3						150
	14	2.0	12.0				12.0						150
	17	2.7	16.0				16.0						150
	20	6.0	14.7				14.7						150
	23	4.7	18.7				18.7						150
TOTALS		2.5	13.3				13.3						1200

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 1978

JUL
MONTH

YEARS

73-77

CUBI POINT, PHILIPPINES

41231
STATION

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	02	.6	12.3				12.3						155
	05	.6	12.3				12.3						155
	08	1.3	11.0				11.0						155
	11		12.9				12.9						155
	14	1.9	16.8				16.8						155
	17	6.5	18.1				18.1						155
	20	5.8	23.2				23.2						155
	23	1.3	20.6				20.6						155
TOTALS		2.3	15.9				15.9						1240

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WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 1978

41231 CUBI POINT, PHILIPPINES 73-77 AUG MONTH

YEARS

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	02	.6	36.8				36.8						155
	05	2.6	30.3				30.3						155
	08	1.3	27.7				27.7						155
	11	1.3	28.4				28.4						155
	14	2.6	34.8				34.8						155
	17	2.6	33.5				33.5						155
	20	4.5	40.6				40.6						155
	23	3.9	36.8				36.8						155
TOTALS		2.4	33.6				33.6						1240

WEATHER CONDITIONS

57010000 WEATHER CONDITIONS JAN 08 0000

STATION 61231 CUBI POINT, PHILIPPINES STATION NAME 73-77 YEARS MONTH SEP

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	02		17.3				17.3						150
	05		11.3				11.3						150
	08		10.7				10.7		.7			.7	150
	11		11.3				11.3						150
	14	2.7	14.7				14.7		.7			.7	150
	17	2.7	22.7				22.7		.7			.7	150
	20	4.0	20.7				20.7						150
	23	1.3	16.0				16.0						150
TOTALS		1.3	15.6				15.6		.3			.3	1200

WEATHER CONDITIONS

OCT
MONTH73-77
YEARS41231 CUBI POINT, PHILIPPINES
STATION NAMEPERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	02	.6	7.7				7.7						155
	05	.6	9.0				9.0						155
	08	.6	11.0				11.0						155
	11		10.3				10.3						155
	14	1.9	9.0				9.0						155
	17	2.6	14.2				14.2						155
	20	1.9	13.5				13.5						155
	23	.6	9.7				9.7						155
TOTALS		1.1	10.6				10.6						1240

WEATHER CONDITIONS

41231 CUBI POINT, PHILIPPINES 73-77 NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	02	.7	9.3				9.3						150
	05	.7	5.3				5.3						150
	08	.7	6.7				6.7						150
	11	.7	6.0				6.0						150
	14	.7	6.0				6.0						150
	17		8.0				8.0						150
	20		6.0				6.0						150
	23		6.7				6.7						150
TOTALS		.4	6.8				6.8						1200

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 1988

41231 CUBI POINT, PHILIPPINES 73-77 DEC MONTH

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	02		6.5				6.5						155
	05		3.2				3.2						155
	08		4.5				4.5						155
	11		4.5				4.5						155
	14		3.9				3.9						155
	17		5.8				5.8						155
	20	.6	6.5				6.5						155
	23		4.5				4.5						155
TOTALS		.1	4.9				4.9						1240

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WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 1980

ALL MONTH

73-77

YEARS

CUBI POINT, PHILIPPINES

STATION NAME

41231

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL		1.3				1.3						1240
FEB			.8				.8						1128
MAR		.2	.4				.4		.2			.2	1240
APR		.4	.4				.4						1200
MAY		3.0	8.8				8.8		.2			.2	1240
JUN		2.5	13.3				13.3						1200
JUL		2.3	15.9				15.9						1240
AUG		2.4	33.6				33.6						1240
SEP		1.3	15.6				15.6		.3			.3	1200
OCT		1.1	10.6				10.6						1240
NOV		.4	6.8				6.8						1200
DEC		.1	4.9				4.9						1240
TOTALS		1.1	9.4				9.4		.1			.1	14608

WEATHER CONDITIONS ATMOSPHERIC PHENOMENA

5701 WEATHER CONDITIONS JAN 68

ALL
MONTH

58-77
YEARS

CUBI POINT, PHILIPPINES
STATION NAME

41231
STATION

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	.2	16.8				16.8		.5			.5	589
FEB		.6	15.1				15.1		.2			.2	537
MAR		2.4	14.9				14.9		2.4			2.4	589
APR		6.7	14.9				14.9	.2	2.8			2.8	370
MAY		30.9	45.8				45.8	.2	1.2			1.4	589
JUN		38.7	80.2				80.2	.2	.2			.3	600
JUL		38.1	88.4				88.4		.2			.2	604
AUG		30.6	90.3				90.3	.5	.6			1.0	620
SEP		30.5	84.2				84.2	.2	.5			.7	600
OCT		16.9	52.1				52.1	.2	.8			1.0	620
NOV		4.2	40.3				40.3		.3			.3	600
DEC		.3	27.4				27.4		.2			.2	620
TOTALS		16.7	47.5				47.5	.1	.8			.9	7138

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

41231 CUBI POINT, PHILIPPINES JAN 1973 - DEC 1977 ALL
STATION NAME STATION NUMBER MONTH YEAR HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N														100.0
NNE														100.0
NE	.5	.5												98.9
ENE	.3	.8												99.0
E		1.3												98.7
ESE		6.3												93.8
SE		25.0												75.0
SSE														100.0
S														100.0
SSW		5.6												94.4
SW														100.0
WSW														100.0
W														100.0
WNW														100.0
NW														100.0
NNW														100.0
VARIABLE														
CALM		1.6												98.4
TOTAL	2	14												1224
% TOTAL	.2	1.1												98.7

TOTAL NUMBER OF OBSERVATIONS 1,240

NAVWEASERVCOM

5708% FREQ. WIND DIR. VS WEATHER JAN 68

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

STATION 41231 CUBI POINT, PHILIPPINES STATION NAME JAN 1973 - DEC 1977 MONTH FEBRUARY ALL ALL
 YEARS 1973 - 1977 MONTH FEBRUARY HOURS (L.S.T.) ALL

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N														100.0
NNE														100.0
NE		.6												99.4
ENE		.3												99.7
E		.9												99.1
ESE	5.6													94.4
SE														100.0
SSE														100.0
S														100.0
SSW														100.0
SW		5.6												94.4
WSW														100.0
W														100.0
WNW														100.0
NW														100.0
NNW		2.2												97.8
VARIABLE														100.0
CALM														100.0
TOTAL	2	7												1119
% TOTAL	.2	.6												99.2

TOTAL NUMBER OF OBSERVATIONS 1,128

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

41231 CUBI POINT, PHILIPPINES JAN 1973 - DEC 1977 ALL
STATION NAME MONTH YEARS HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET "SHOWERS ICE CRYSTALS	SNOW "GRAINS "PELLETS "SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N														100.0
NNE														100.0
NE											1.1			98.9
ENE		.3												99.7
E	.3	.5												99.2
ESE														100.0
SE														100.0
SSE														100.0
S														100.0
SSW								6.3						93.8
SW		3.3						3.3						93.3
WSW														100.0
W														100.0
WNW														100.0
NW														100.0
NNW														100.0
VARIABLE														
CALM														99.3
TOTAL	1	4						2				2		1231
% TOTAL	.1	.3						.2				.2		99.3

TOTAL NUMBER OF OBSERVATIONS 1,240

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PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

41231 CUBI POINT, PHILIPPINES JAN 1973 - DEC 1977 APRIL ALL
STATION NAME YEARS MONTH HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N														100.0
NNE														100.0
NE								1.5						98.5
ENE		.3												99.7
E		.6						.3						99.2
ESE														100.0
SE														100.0
SSE														100.0
S														100.0
SSW														100.0
SW								1.6						98.4
WSW														100.0
W														100.0
WNW		33.3						33.3						66.7
NW														100.0
NNW		1.6												98.4
VARIABLE														
CALM														100.0
TOTAL		5						4						1192
% TOTAL		.4						.3						99.3

TOTAL NUMBER OF OBSERVATIONS 1,200

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

41231 CUBI POINT, PHILIPPINES JAN 1973 - DEC 1977 MONTH MAY ALL
STATION NAME STATION HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET "SHOWERS ICE CRYSTALS	SNOW "GRAINS "PELLETS "SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	1.3	2.6						2.6						94.8
NNE	4.8	9.5						4.8			4.8			81.0
NE		1.5						3.0			1.5			95.5
ENE	.5													99.5
E	.4	1.6						1.2						97.1
ESE								6.3						93.8
SE		20.0												80.0
SSE		28.6						28.6						71.4
S	4.7	25.6						9.3						65.1
SSW	3.7	5.7						2.3						86.2
SW	16.9	5.1						4.4			.7			74.3
WSW	6.7	13.3												80.0
W	4.5	31.8						9.1						63.6
WNW	20.0	40.0						20.0						40.0
NW		46.2						7.7						53.8
NNW		4.1						5.4						90.5
VARIABLE														
CALM	3.0	5.4						8.9						89.7
TOTAL	41	68						37			3			1107
% TOTAL	3.3	5.5						3.0			.2			89.3

TOTAL NUMBER OF OBSERVATIONS 1,240

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

41231 CUBI POINT, PHILIPPINES JAN 1973 - DEC 1977 ALL
STATION NAME MONTH YEARS HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N		8.9						4.4						88.9
NNE		13.0						8.7						82.0
NE		4.9												95.1
ENE	1.3	1.3						1.9						96.2
E	1.3	6.7						3.3						91.3
ESE		27.3						9.1						72.7
SE		36.4												63.6
SSE		27.3												72.7
S	7.1	25.5						4.1						63.3
SSW	.6	9.5						1.3						88.6
SW	1.4	12.4						.7						86.2
WSW		23.6												74.4
W	3.9	29.4						11.8						58.8
WNW		16.7												83.3
NW		15.4						7.7						76.9
NNW		7.0						4.7						88.4
VARIABLE														
CALM	2.3	11.6						3.3						88.6
TOTAL	20	139						30						1027
% TOTAL	1.7	11.6						2.3						85.6

TOTAL NUMBER OF OBSERVATIONS 1,200

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

41231 STATION CUBI POINT, PHILIPPINES JAN 1973 - DEC 1977 MONTH JULY ALL HOURS (U.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	3.0	11.9						6.0						80.6
NNE	3.6	21.4						7.1						75.0
NE	2.4	9.5						4.8						85.7
ENE	1.2	9.3						1.2						88.4
E	.6	5.0						1.1						93.4
ESE		21.4												78.6
SE	16.7	15.7												66.7
SSE	4.8	23.8												71.4
S	7.2	25.3						6.0						63.9
SSW	2.5	15.6						1.6						81.1
SW	4.2	9.6						1.2						86.2
WSW	3.6	25.5						1.8						70.9
W	7.7	23.1												69.2
WNW														100.0
NW		18.2						9.1						72.7
NNW	4.0	10.0						4.0						84.0
VARIABLE														
CALM	4.1	16.1						1.5						85.0
TOTAL	42	155						28						1028
% TOTAL	3.4	12.5						2.3						82.9

TOTAL NUMBER OF OBSERVATIONS 1,240

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PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

41231 STATION CUBI POINT, PHILIPPINES JAN 1973 - DEC 1977 MONTH ALL
STATION NAME YEARS MONTH ALL

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	16.8	27.1						10.4						50.0
NNE	17.6	5.9												76.5
NE	5.1	7.7												87.2
ENE	2.5	8.8						2.5						88.8
E	5.4	9.8						2.7						83.9
ESE	5.9	11.8												82.4
SE	33.3	33.3												33.3
SSE		72.7												27.3
S	24.8	26.7						2.0						46.5
SSW	16.1	22.5						2.2						59.4
SW	14.9	17.0						2.1						67.4
WSW	9.1	31.1						3.8						59.8
W	4.0	25.3												70.7
WNW		75.0												25.0
NW	30.8	30.8												38.5
NNW	12.9	16.1						6.5						67.7
VARIABLE	11.3	21.6						1.5						54.7
CALM								30						817
TOTAL	155	262						2.4						65.9
% TOTAL	12.5	21.1												

TOTAL NUMBER OF OBSERVATIONS 1,240

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

41231 CUBI POINT, PHILIPPINES JAN 1973 - DEC 1977 SEPTEMBER ALL
STATION NAME MONTH YEAR HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	7.0	8.8						5.3						82.5
NNE	5.7	5.7						5.7						85.7
NE	5.7	1.9						3.8						88.7
ENE	1.7	5.0						.9			.8			92.6
E	1.4	7.0												91.1
ESE		11.8												88.2
SE	33.3													66.7
SSE	33.3	20.0						6.7						46.7
S	27.6	15.5												56.9
SSW	4.2	12.5						.8			.8			82.5
SW	2.8	15.0						.9						80.2
WSW	2.2	33.3												64.4
W		23.8												76.2
WNW	9.1	27.3												63.6
NW		20.0												60.0
NNW	6.5	15.2						2.2						78.3
VARIABLE														
CALM	3.7	7.7						1.1			.4			87.8
TOTAL	60	127						16			3			1003
% TOTAL	5.0	10.6						1.3			.3			83.6

TOTAL NUMBER OF OBSERVATIONS 1,200

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

41231 CUBI POINT, PHILIPPINES JAN 1973 - DEC 1977 OCTOBER ALL
STATION NAME STATION YEARS MONTH HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	4.4	5.9						1.5						88.2
NNE		10.8						2.7						89.2
NE	4.5	9.1						4.5						84.8
ENE	1.9	1.4												96.7
E	.4	1.8												97.8
ESE		3.6						3.6						96.4
SE		20.0												80.0
SSE	5.6	22.2						5.6						72.2
S	24.5	18.4						6.1						55.1
SSW	18.8	10.1						1.4						71.0
SW	15.8	10.5						5.3						71.1
WSW	54.2													45.8
W		37.5												62.5
WNW	8.3	41.7												50.0
NW		17.6						5.9						82.4
NNW	10.3	3.4												86.2
VARIABLE														
CALM	1.5	1.1												97.6
TOTAL	64	67						14						1105
% TOTAL	5.2	5.4						1.1						89.1

TOTAL NUMBER OF OBSERVATIONS 1,240

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

41231 CUBI POINT, PHILIPPINES JAN 1973 - DEC 1977 NOVEMBER ALL
STATION STATION NAME YEARS MONTH HOUR (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	3.1													96.9
NNE	4.0													96.0
NE	3.0													96.4
ENE	1.4	1.4						.3						97.1
E	2.6	3.7												93.6
ESE	10.3	6.9						3.4						82.8
SE	10.0	30.0						10.0						60.0
SSE	11.1	11.1												77.8
S	20.8	6.3												70.8
SSW														100.0
SW	14.3	14.3												71.4
WSW	71.4	14.3												14.3
W	42.9	14.3						14.3						42.9
WNW	50.0	25.0												25.0
NW	8.7	4.3												87.0
NNW	3.1	3.1						3.1						93.8
VARIABLE														
CALM														97.6
TOTAL	49	32						5						1119
% TOTAL	4.1	2.7						.4						93.3

TOTAL NUMBER OF OBSERVATIONS 1,200

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

STATION 41231 CUBI POINT, PHILIPPINES STATION NAME JAN 1973 - DEC 1977 YEARS DECEMBER MONTH ALL HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N														100.0
NNE														100.0
NE	3.6	.4						.4						95.5
ENE	3.5	1.5												95.0
E	2.5	3.9												93.6
ESE														100.0
SE														100.0
SSE														100.0
S	16.7													83.3
SSW														100.0
SW														100.0
WSW														100.0
W														100.0
WNW														100.0
NW														100.0
NNW	17.6	5.9												76.5
VARIABLE														96.0
CALM	4.2	.3												96.0
TOTAL	40	21						1						1178
% TOTAL	3.2	1.7						.1						95.0

TOTAL NUMBER OF OBSERVATIONS 1,240

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PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

41231 CUBI POINT, PHILIPPINES JAN 1973 - DEC 1977 ALL ALL ALL
STATION STATION NAME YEARS MONTH HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	3.2	5.7						2.7						89.7
NNE	2.2	4.4						2.0			.2			92.6
NE	1.9	1.8						.9			.2			95.6
ENE	1.2	1.4						.2			.0			97.3
E	.9	2.8						.5						96.1
ESE	1.9	4.8						1.3						93.0
SE	7.2	16.9						1.2						75.9
SSE	6.8	24.6						3.4						68.6
S	14.6	20.9						3.6						62.8
SSW	6.5	11.7						1.5			.1			81.0
SW	7.2	10.2						2.0			.1			81.4
WSW	9.9	24.3						1.7						65.8
W	5.1	24.9						2.5						69.5
WNW	10.9	26.6						3.1						62.5
NW	5.1	16.1						3.4						77.1
NNW	3.0	5.3						2.3						90.2
VARIABLE														
CALM	3.4	6.7						1.0			.1			89.3
TOTAL	476	901						167			8			13150
% TOTAL	3.3	6.2						1.1			.1			90.0

TOTAL NUMBER OF OBSERVATIONS 14,608

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

PRECIPITATION	DERIVED FROM DAILY OBSERVATIONS
SNOWFALL*	DERIVED FROM DAILY OBSERVATIONS
SNOW DEPTH	DERIVED FROM DAILY OBSERVATIONS

1. The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and may be misleading.
2. The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing.

NOTE: Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

Air Force Stations	From beginning of record thru 1945	Snow depth at 0800 LST
	Jan 46-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT
U. S. Navy and Weather Bureau Stations	From beginning of record thru Jun 52	Snow depth at 0030 GCT
	Jul 52-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT

* Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956,

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

41241 STATION CURI POINT, PHILIPPINES 55. 57-77 YEARS

5722 Daily Amounts Jan 1969

AMOUNTS (INCHES)															PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	01	.02-.05	.06-10	11-.25	26-.50	51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	MEAN			GREATEST	LEAST	
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4						
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	83.2	11.9	1.4	1.0	1.2	.8	.3	.2						4.9	589	.15	1.00	TRACE	
FEB	84.9	12.5	.2	1.1	.4	.6	.2	.2						2.6	537	.11	1.01	.00	
MAR	85.1	9.2	1.7	2.0	.3	1.2	.3	.2						5.8	589	.16	.84	TRACE	
APR	85.5	7.7	1.0	1.3	.2	1.8	1.7	.5	.3					6.8	600	.55	3.55	.00	
MAY	56.4	12.3	2.0	4.5	2.9	4.5	4.0	4.5	5.8	1.8	1.1	.3		31.3	65110.1355	.51	.07		
JUN	19.8	14.3	3.7	9.5	4.8	9.3	8.8	9.2	13.3	4.5	2.5	.2		65.8	60021.0351	.86	3.66		
JUL	11.5	11.7	3.1	7.3	7.3	8.8	10.4	13.4	15.6	7.8	2.7	.3		76.7	58928.5374	.46	6.83		
AUG	9.5	9.4	2.4	7.3	4.7	9.7	8.9	12.1	20.5	10.5	5.0	.2		81.1	62037.3764	.85	13.05		
SEP	15.8	12.0	3.3	9.5	5.8	10.2	7.7	10.8	15.2	7.2	2.2	.3		72.2	60023.5551	.48	.82		
OCT	46.7	14.4	2.2	7.2	3.5	8.1	6.0	5.1	3.8	2.3	.5	.2		38.9	651	8.6728	.19	.20	
NOV	59.7	16.2	3.7	6.3	2.5	4.0	2.5	2.3	1.3	.8	.5	.2		24.2	600	4.2421	.83	.02	
DEC	72.6	14.8	3.7	2.1	2.4	1.6	1.6	.8	.2	.2				12.6	620	.78	5.31	TRACE	
ANNUAL	52.6	12.2	2.4	4.9	3.0	5.0	4.4	4.9	6.3	2.9	1.2	.1		35.2	724635.27				

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

41231 STATION CUBI POINT, PHILIPPINES 55, 57-77 YEARS

PRECIP.	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	50.5-100.0	100.1-200.0	OVER 200.0	PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
																		MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	50.5-100.0	100.1-200.0	OVER 200.0					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120							
JAN	100.0																589	.0	.0	.0
FEB	100.0																537	.0	.0	.0
MAR	100.0																589	.0	.0	.0
APR	100.0																600	.0	.0	.0
MAY	100.0																651	.0	.0	.0
JUN	100.0																600	.0	.0	.0
JUL	100.0																589	.0	.0	.0
AUG	100.0																620	.0	.0	.0
SEP	100.0																600	.0	.0	.0
OCT	100.0																651	.0	.0	.0
NOV	100.0																600	.0	.0	.0
DEC	100.0																620	.0	.0	.0
ANNUAL	100.0																7246	.0		

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

41231 STATION CUBI POINT, PHILIPPINES 55, 57-77 YEARS

AMOUNTS (INCHES)															PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.05	.06-10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	MEAN			GREATEST	LEAST	
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4						
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	100.0														589				
FEB	100.0														537				
MAR	100.0														589				
APR	100.0														600				
MAY	100.0														651				
JUN	100.0														600				
JUL	100.0														589				
AUG	100.0														620				
SEP	100.0														600				
OCT	100.0														651				
NOV	100.0														600				
DEC	100.0														620				
ANNUAL	100.0														7246				

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

41231 STATION CUBI POINT, PHILIPPINES 55. 57-77 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
55					1.52					1.29			
57						10.69	6.05	4.70	6.55	1.59	.42	.03	
58	.21	TRACE	TRACE	TRACE	1.31	1.93	3.00	5.95	3.00	4.60	2.82	.11	5.95
59	.08	.78	TRACE	1.49	2.20	9.91	3.24	7.50	3.58	6.75	.11	.12	9.91
60	.04	.10	.22	.00	3.48	5.90	3.52	7.29	3.19	3.34	.82	.09	7.29
62	TRACE	TRACE	.03	.40	.81	1.69	17.35	2.72	12.70	.81	.88	.01	17.35
63	TRACE	TRACE	TRACE	TRACE	2.31	6.22	4.66	6.19	9.13	1.72	.01	.29	9.13
64	TRACE	.02	.03	.02	3.59	8.31	1.91	13.31	3.15	3.83	3.34	3.57	13.31
65	.02	TRACE	.02	1.24	5.71	5.39	6.75	2.09	5.16	.22	.60	.06	6.75
66	.12	TRACE	.03	.80	17.40	4.32	2.47	4.59	7.84	.11	2.30	.28	17.40
67	.09	TRACE	.01	.21	2.82	9.55	9.60	4.55	3.46	.98	5.29	.01	9.60
68	.02	TRACE	TRACE	TRACE	1.81	2.30	3.61	5.33	4.35	1.10	.01	TRACE	5.33
69	.04	.49	TRACE	.34	2.20	2.08	6.17	4.97	3.11	1.91	1.87	.44	6.17
70	TRACE	TRACE	.16	.23	1.30	4.34		7.88	7.43	2.56	1.41	.26	
71	.06	TRACE	.59	TRACE	1.75	5.38	7.75	9.11	2.83	8.41	.92	.69	9.11
72	.16	.01	.29	.75	.88	5.77	13.35	8.70	1.08	.22	.16	.17	13.35
73	TRACE	TRACE	TRACE	.15	.04	3.19	5.41	9.83	.82	4.99	1.33	.05	9.83
74	TRACE	.13	.26	.19	3.20	3.84	5.86	8.53	.25	10.48	6.73	.38	10.48
75	.56	TRACE	.06	.27	.51	2.48	1.88	6.81	3.95	8.81	1.01	.53	8.81
76	.01	.00	.24	.38	12.09	4.39	5.21	7.25	6.70	2.10	.09	2.34	12.09
77	.35	.16	.04	TRACE	1.70	1.47	6.66	7.69	5.27	.62	15.07	TRACE	15.07
MEAN	.09	.09	.10	.32	3.22	4.96	6.02	6.75	4.68	3.16	2.26	.47	10.39
S. D.	.145	.204	.155	.430	4.123	2.831	3.925	2.577	3.026	3.086	3.508	.894	3.699
TOTAL OBS.	589	537	589	600	651	600	589	620	600	651	600	620	7246

NAVWEASERVCOM

5723 Extreme Values Jan 1969

PRECIPITATION
(FROM DAILY OBSERVATIONS)

41231	CUBI POINT, PHILIPPINES	55, 57-77
STATION	STATION NAME	YEARS

24 HOUR AMOUNTS IN INCHES
/BASED ON LESS THAN FULL MONTHS/

[illegible]

NAVWEASERVCOM

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION 41231 CUBI POINT, PHILIPPINES STATION NAME 55, 57-77 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
55										.0			
57													
58													
59													
60													
61													
62													
63													
64													
65													
66													
67													
68													
69													
70													
71													
72													
73													
74													
75													
76													
77													
MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
S. D.	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS.	589	537	589	600	651	600	589	620	600	651	600	620	7246

NAVWEASERVCOM

5723 Extreme Values Jan 1969

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

5724 DAILY AMOUNTS MAR 1978

41231

CUBI PT., PHILIPPINES

1959-1977

STATION

STATION NAME

YEARS

JANUARY
MONTH

FEBRUARY
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.08	2	1960			
2	T	T	1976*			
3	0.08	T	1967			
4	T	T	1967*			
5	0.32	8	1977			
6	T	T	1977*			
7	0.01	T	1977			
8	T	T	1969*			
9	0.04	1	1969			
10	T	T	1977*			
11	T	T	1972*			
12	T	T	1969			
13	T	T	1970			
14	0.06	2	1967			
15	T	T	1973*			
16	T	T	1971*			
17	0.04	1	1971			
18	0.02	1	1960			
19	T	T	1962*			
20	0.10	3	1977			
21	0.01	T	1977			
22	0.04	1	1961			
23	0.35	9	1977			
24	0.19	5	1977			
25	0.56	14	1975			
26	0.21	5	1959			
27	0.12	3	1966			
28	T	T	1968*			
29	0.06	2	1971			
30	0.16	4	1972			
31	0.01	T	1975			
Monthly	0.56	14	1975			

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	T	T	1973*			
2	T	T	1973*			
3	T	T	1966*			
4	0.03	1	1961			
5	0.49	12	1969			
6	T	T	1975*			
7	0.04	1	1974			
8	T	T	1966*			
9	T	T	1966*			
10	T	T	1968*			
11	T	T	1967*			
12	0.10	3	1961			
13	T	T	1970*			
14	0.04	1	1960			
15	0.13	3	1974			
16	T	T	1975*			
17	T	T	1973*			
18	T	T	1971			
19	T	T	1971*			
20	T	T	1968*			
21	T	T	1977*			
22	0.03	1	1977			
23	0.16	4	1977			
24	T	T	1977*			
25	T	T	1970*			
26	0.78	20	1960			
27	0.08	2	1960			
28	0.11	3	1960			
29	0.01	T	1972			
30						
31						
Monthly	0.78	20	1960			

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE

BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

41231

CUBI PT., PHILIPPINES

1959-1977

STATION

STATION NAME

YEARS

MARCH

APRIL

MONTH

MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.03	1	1964*			
2	T	T	1974*			
3	0.04	1	1977			
4	0.26	7	1974			
5	0.01		1974*			
6	0.22	6	1961			
7	0.01		1961			
8	0.24	6	1976			
9	0.08	2	1961			
10	0.03	1	1966			
11	0.01		1961			
12	0.59	15	1971			
13	0.22	6	1971			
14	T	T	1971*			
15	T	T	1971*			
16	T	T	1959			
17	0.02	1	1974			
18	0.13	3	1974			
19	0.29	7	1972			
20	0.18	5	1972			
21	T	T	1977*			
22	T	T	1977*			
23	0.03	1	1970			
24	0.03	1	1972			
25	0.16	4	1970			
26	0.02	1	1965			
27	0.01		1964			
28	T	T	1973*			
29	T	T	1973*			
30	0.01		1966			
31	0.59	15	1971			
Monthly						

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.12	3	1970			
2	0.13	3	1970			
3	0.40	10	1962			
4	0.02	1	1962			
5	0.01		1974			
6	T	T	1975*			
7	T	T	1964			
8	0.18	5	1969			
9	0.02	1	1969			
10	0.75	19	1972			
11	0.80	20	1966			
12	T	T	1964			
13	0.05	1	1972			
14	T	T	1971			
15	0.28	7	1962			
16	0.21	5	1967			
17	T	T	1971			
18	T	T	1970*			
19	0.06	2	1962			
20	T	T	1970*			
21	1.49	38	1960			
22	0.74	19	1960			
23	0.43	11	1960			
24	0.49	12	1960			
25	0.44	11	1965			
26	0.01		1975			
27	1.24	31	1965			
28	0.23	6	1970			
29	0.40	10	1960			
30	1.49	38	1960			
31	Monthly					

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE

BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

5724 DAILY AMOUNT MAR 1978

41231 1957-1977

CUBI PT., PHILIPPINES

STATION

STATION NAME

YEARS

MAY

MONTH

JUNE

MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.05	1	1962			
2	0.04	1	1971			
3	0.34	9	1971			
4	2.69	68	1966			
5	0.22	6	1966			
6	0.62	16	1964			
7	0.15	4	1959			
8	0.01		1971			
9	0.08	2	1966			
10	0.35	9	1966			
11	0.76	19	1966			
12	1.30	33	1970			
13	2.01	51	1961			
14	1.29	33	1965			
15	0.71	18	1976			
16	0.92	23	1959			
17	0.29	7	1959			
18	6.55	166	1966			
19	17.40	442	1966			
20	5.34	136	1966			
21	3.30	84	1966			
22	5.35	136	1976			
23	12.09	307	1976			
24	6.99	178	1976			
25	6.11	155	1976			
26	4.56	116	1976			
27	9.32	237	1976			
28	1.99	51	1960			
29	2.63	67	1974			
30	3.20	81	1974			
31	2.82	72	1967			
Monthly	17.40	442	1966			

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	4.00	102	1967			
2	10.69	272	1958			
3	7.67	195	1967			
4	3.81	97	1967			
5	2.81	71	1963			
6	3.85	98	1963			
7	5.77	147	1972			
8	9.56	243	1967			
9	5.23	133	1972			
10	6.89	175	1958			
11	3.33	85	1974			
12	2.35	60	1974			
13	4.34	110	1970			
14	2.08	53	1969			
15	4.07	103	1971			
16	5.36	137	1971			
17	1.98	50	1973			
18	5.39	137	1965			
19	1.97	50	1963			
20	2.11	54	1965			
21	3.70	94	1965			
22	1.10	28	1972			
23	1.47	37	1961			
24	4.33	110	1961			
25	5.66	144	1972			
26	4.00	102	1976			
27	9.91	252	1960			
28	6.63	168	1960			
29	4.62	117	1961			
30	8.31	211	1964			
31						
Monthly	10.69	272	1958			

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE

BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

STATION
41231

STATION NAME
CUBI PT., PHILIPPINES

YEARS
1957-1977

DAILY EXTREME AMOUNTS

MONTH
JULY

MONTH
AUGUST

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.88	48	1975			
2	2.21	56	1961			
3	1.73	44	1972			
4	2.26	57	1959			
5	3.48	88	1974			
6	3.23	82	1961			
7	6.17	157	1972			
8	3.13	80	1974			
9	3.16	131	1962			
10	3.85	98	1962			
11	3.76	96	1967			
12	3.52	89	1961			
13	3.41	137	1973			
14	6.75	171	1965			
15	2.72	69	1959			
16	5.09	129	1958			
17	4.24	108	1972			
18	6.66	169	1977			
19	6.53	166	1962			
20	13.35	339	1972			
21	3.06	78	1972			
22	2.74	70	1965			
23	5.27	134	1965			
24	17.35	441	1962			
25	7.75	197	1971			
26	4.85	123	1971			
27	6.17	157	1969			
28	4.24	108	1962			
29	9.60	244	1967			
30	3.73	95	1967			
31	4.34	110	1972			
Monthly	17.35	441	1962			

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	8.70	221	1972			
2	5.95	151	1959			
3	6.66	169	1972			
4	5.63	143	1972			
5	9.11	231	1971			
6	4.97	126	1969			
7	7.50	190	1960			
8	5.68	144	1976			
9	6.81	173	1975			
10	7.25	184	1976			
11	5.02	128	1976			
12	2.81	71	1974			
13	2.76	70	1966			
14	3.17	131	1960			
15	6.19	157	1963			
16	8.53	217	1974			
17	8.52	216	1974			
18	2.93	74	1959			
19	7.69	195	1977			
20	5.25	133	1977			
21	6.43	163	1977			
22	13.31	338	1964			
23	9.83	250	1973			
24	5.41	137	1975			
25	2.49	63	1972			
26	4.55	116	1967			
27	3.67	93	1958			
28	6.80	173	1961			
29	7.88	200	1970			
30	4.96	126	1970			
31	3.99	101	1970			
Monthly	13.31	338	1964			

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE

BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

41231

CUBI PT., PHILIPPINES

STATION

STATION NAME

SEPTEMBER

MONTH

YEARS

1957-1977

OCTOBER

MONTH

DAILY EXTREME AMOUNTS

DAY	PRECIPITATION GREATEST				SNOWFALL GREATEST		
	INCHES	MM	DATE		INCHES	MM	DATE
1	7.43	189	1970				
2	3.80	97	1970				
3	5.91	150	1970				
4	10.09	256	1962				
5	12.70	323	1962				
6	4.02	102	1962				
7	7.84	199	1966				
8	9.13	232	1963				
9	6.23	158	1966				
10	5.43	138	1963				
11	4.12	105	1963				
12	4.11	104	1977				
13	6.70	170	1976				
14	3.20	81	1976				
15	2.83	72	1970				
16	2.62	67	1976				
17	3.48	88	1958				
18	3.95	100	1975				
19	2.92	74	1977				
20	1.75	44	1963				
21	5.95	151	1958				
22	3.19	81	1961				
23	3.52	89	1960				
24	4.48	114	1958				
25	2.73	69	1958				
26	1.63	42	1970				
27	3.01	76	1960				
28	4.35	110	1968				
29	3.15	80	1964				
30	2.39	61	1968				
31	12.70	323	1962				
Monthly							

DAY	PRECIPITATION GREATEST				SNOWFALL GREATEST		
	INCHES	MM	DATE		INCHES	MM	DATE
1	1.91	49	1969				
2	1.72	44	1963				
3	0.90	23	1969				
4	4.60	117	1959				
5	4.79	122	1971				
6	2.19	56	1971				
7	1.51	38	1960				
8	4.12	105	1973				
9	3.83	97	1964				
10	8.41	214	1971				
11	2.18	55	1974*				
12	3.69	94	1971				
13	6.75	171	1960				
14	2.53	64	1970				
15	2.56	65	1970				
16	4.99	127	1973				
17	10.48	266	1974				
18	3.51	89	1959				
19	3.12	79	1975				
20	8.81	224	1975				
21	2.43	62	1975				
22	1.51	38	1975				
23	1.59	40	1958				
24	2.10	53	1976				
25	0.32	8	1974				
26	0.36	9	1970				
27	0.44	11	1973				
28	3.30	84	1974				
29	0.79	20	1974				
30	0.34	9	1974				
31	0.25	6	1974				
Monthly	10.48	266	1974				

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

41231

CUBI PT., PHILIPPINES

1955-1955 1957-1977

STATION

STATION NAME

YEARS

NOVEMBER

MONTH

DECEMBER

MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.50	13	1966			
2	0.80	20	1975			
3	0.34	14	1962			
4	5.29	134	1967			
5	4.32	110	1967			
6	0.31	8	1974			
7	2.57	65	1974			
8	0.43	11	1974			
9	0.88	22	1962			
10	0.25	6	1971			
11	0.60	15	1965			
12	0.15	4	1959			
13	3.34	85	1964			
14	6.14	156	1977			
15	15.07	383	1977			
16	0.41	10	1977			
17	2.82	72	1959			
18	0.98	25	1959			
19	1.41	36	1970			
20	1.17	30	1964			
21	1.93	49	1966			
22	2.30	58	1966			
23	0.15	4	1961			
24	0.29	7	1969			
25	1.87	47	1969			
26	0.82	21	1964			
27	0.19	5	1973			
28	6.73	171	1974			
29	3.32	84	1974			
30	0.01		1971			
31	15.07	383	1977			
Monthly						

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.03	1	1958			
2	0.34	9	1969			
3	0.51	13	1976			
4	0.11	3	1976			
5	0.05	1	1973			
6	2.34	59	1976			
7	0.01		1976*			
8	0.09	2	1974			
9	0.07	2	1971			
10	0.41	10	1971			
11	0.13	3	1964			
12	0.44	11	1969			
13	0.26	7	1963			
14	0.69	18	1964			
15	3.57	91	1964			
16	0.81	21	1964			
17	0.26	7	1970			
18	0.01		1964			
19	0.53	13	1975			
20	0.10	3	1966			
21	0.32	8	1974			
22	0.01		1974*			
23	T	T	1973*			
24	0.01		1965			
25	0.12	3	1975			
26	0.42	11	1975			
27	0.08	2	1975			
28	0.28	7	1966			
29	0.02	1	1961			
30	0.69	18	1971			
31	0.04	1	1976			
Monthly	3.57	91	1964			

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE

BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

NOTE: According to ~~the~~ specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from 3-hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VARBL.

a. Three tables are prepared for all surface winds included, and for all years combined as follows:

- (1) Annual - all hours combined
- (2) By month - all hours combined
- (3) By month - by standard 3-hour groups

b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

41231 CUBI POINT, PHILIPPINES 55, 58-77 YEARS
STATION NAME

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
55													
57													
58	NE 34ENE 30ENE 38E			43WSW 43W	48SW 43W	48SW 43W	50SW 48SW	40SW 52W	51SSW 39ENE	34ENE 29			
59	NE 38E 27E			39ESE 37SW	34SSW 34SW	34SSW 34SW	34SSW 34SW	43SW 43SW	40SW 37SW	32NE 31			SW 52
60	NE 30E			24ENE 26SW	30SW 48SW	48SW 30SW	48SW 30SW	43SW 43SW	31SW 56ENE	29NE 28			SW 56
61	NE 30E			NE 30SSW 45SW	51WSW 54SW	51WSW 54SW	51WSW 54SW	40WSW 39ENE	25ENE 30ENE	32			
62	ENE 31ENE 40ENE			29NE 27SW	29SW 29SW	29SW 29SW	29SW 29SW	35SW 33ENE	23ENE 38NE	32			SW 49
63	NNE 29NE 33NE			26NW 23SSW	45SW 33SSW	45SW 33SSW	45SW 33SSW	43WSW 40ENE	22NNE 26NE	20			SSW 45
64	NE 31NE 35NE			27SSW 30SE	56SW 56SW	56SW 56SW	56SW 56SW	53SW 24NW	27SSW 28NW	51			SE 56
65	NE 32NE 27ENE			25SSW 34SW	34SW 42NNW	34SW 42NNW	34SW 42NNW	26S 26NE	25ENE 29NE	38			SSW 42
66	NE 30ENE 23ENE			24S 31WSW	29S 41WSW	29S 41WSW	29S 41WSW	37WSW 38ENE	23ENE 30ENE	30			S 51
67	ENE 35ENE 34NE			26SW 29	SW 40SW	SW 40SW	SW 40SW	43W 23W	37SSW 36ENE	29			
68	ENE 30E 23E			29E 29W	27SW 45SW	27SW 45SW	27SW 45SW	41W 36NE	32NE 28ENE	27			SW 45
69	NE 28NE 25NE			26E 28W	30SW 28SW	30SW 28SW	30SW 28SW	44SW 39S	38NE 26NE	31			SW 50
70	NE 29NE 32E			28NE 32SE	28SSW 40	28SSW 40	28SSW 40	34SW 38ENE	60NNE 78SE	31			
71	08 3509			3208	3205	3205	3205	3324	5708	3107	35		
72	06 3408			3305	2912	2922	2922	4223	2512	3206	30		24 59
73	10 3307			3310	3127	2427	3824	3011	3821	6211	2905	30	21 62
74	07 3206			2904	2621	4118	4422	4825	2121	4726	4905	31	26 49
75	04 3005			2406	2711	2122	2407	2826	3019	4005	24		
76	06 2006			2309	2022	4320	3622	3722	3308	1806	2307	23	
77	06 2006			2124	2309	2322	3221	3027	37	31	3204	30	
MEAN	30.9	30.3	29.0	28.5	32.5	38.1	42.6	39.1	33.8	37.0	34.2	31.5	51.3
S. D.	3.799	4.620	3.956	5.356	8.488	10.052	8.389	7.352	7.376	13.792	12.996	5.501	6.005
TOTAL OBS.	525	476	558	600	619	570	588	618	598	588	595	589	6924

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SURFACE WINDS
(FROM DAILY OBSERVATIONS)

STATION	STATION NAME	YEARS
41231	CUBI POINT, PHILIPPINES	55, 56-77

DAILY PEAK GUSTS IN KNOTS
/BASED ON LESS THAN 90% OBSERVATIONS FOR MONTH/

[illegible]

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 41231 CUBI POINT, PHILIPPINES STATION NAME 73-77 YEARS JAN MONTH 02 HOURS (L.S.T.) 02

ALL WEATHER CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6	.6									1.3	6.5
NNE	1.9	2.6	1.3									5.8	5.2
NE	1.3	3.9	4.5	5.8								15.3	8.7
ENE	9.0	11.6	6.5	3.2								30.3	5.8
E	9.7	14.8	1.3									25.8	3.8
ESE	1.9	1.9										3.9	3.3
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARB													
CALM												17.4	
	23.9	35.5	14.2	9.0								100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 41231 CUBI POINT, PHILIPPINES 73-77 JAN MONTH 05 HOURS (LST) 05

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	1.9	1.9	1.3								3.9	3.0
NNE	1.3	1.9	1.9	1.3								6.3	6.8
NE	3.2	3.2	9.7	3.2	0.6							20.0	8.1
ENE	7.1	7.7	6.3	1.9								23.2	6.1
E	15.3	8.4	1.9									25.8	3.3
ESE	0.6	1.3										1.9	3.3
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												18.7	
	29.7	24.5	20.0	6.3	0.6							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 155

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231

CUBI POINT, PHILIPPINES

73-77

JAN

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

08

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.9										1.9	5.7
NNE	5.2	3.2	.6	.6								9.7	4.3
NE	1.9	6.5	7.1	8.4								23.9	8.7
ENE	9.7	10.3	11.6	3.2								34.8	6.2
E	2.6	10.3	3.9									16.8	5.2
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW		.6										.6	4.0
VARBL													
CALM												12.3	
	19.4	32.9	23.2	12.3								100.0	5.7

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 41231 CUBI POINT, PHILIPPINES 73-77 YEARS MONTH JAN 11 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.6										1.9	3.3
NNE		.6										.6	4.0
NE	.6	1.3	4.5	5.8								12.3	10.5
ENE	.6	5.8	25.8	21.9	.6							54.8	10.2
E	1.3	3.9	11.0	3.2	.6							21.9	9.2
ESE													
SE													
SSE													
S													
SSW													
SW			.6									.6	7.0
WSW													
W	.6	.6										1.3	3.5
WNW		1.3										1.3	5.5
NW		.6										.6	4.0
NNW		.6										.6	5.0
VARBL													
CALM												3.9	
	4.5	15.5	41.9	32.9	1.3							100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 41231 CUBI POINT, PHILIPPINES STATION NAME YEARS MONTH JAN 14 HOURS (LST) 14

ALL WEATHER CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6										.6	5.0
NNE		.6										.6	4.0
NE			3.9	3.9								7.7	11.3
ENE		1.9	14.8	11.6	.6							29.0	10.8
E		2.6	12.9	12.9	1.3							29.7	10.8
ESE		.6	2.6	.6								3.9	9.0
SE		.6										.6	6.0
SSE		.6										.6	4.0
S		1.3	1.3									2.6	6.8
SSW		1.9	2.6	.6								5.2	7.8
SW	.6	1.9	4.3	5.8								12.9	9.7
WSW		.6	.6									1.3	7.0
W	1.3	.6										1.9	3.3
WNW													
NW		.6										.6	5.0
NNW				.6								.6	13.0
VARB													
CALM												1.9	
	1.9	14.8	43.2	36.1	1.9							100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 41231 CUBI POINT, PHILIPPINES 73-77 YEARS MONTH JAN 17 HOURS (L.S.T.) 17

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.9	4.5	1.3								7.7	8.7
NNE	.6	.6		.6								1.9	6.0
NE	1.3	.6	5.2	1.9								9.0	8.4
ENE	.6	1.9	12.3	6.5								21.3	9.3
E		4.5	15.5	4.5	.6							25.2	8.7
ESE	.6	2.6	.6									3.9	5.0
SE	.6											.6	3.0
SSE													
S		2.6	1.3									3.9	6.7
SSW	.6	3.9	1.3									5.8	5.6
SW			.6									.6	9.0
WSW	1.3		.6									1.9	4.0
W													
WNW		.6										.6	4.0
NW		1.3										1.3	4.0
NNW	1.3	1.9	5.2	1.9								10.3	6.0
VARB													
CALM												5.8	
	7.1	22.6	47.1	16.8	.6							100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231

CUBI POINT, PHILIPPINES

73-77

JAN

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

20

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.9	9.0	.6								12.9	7.7
NNE	1.3	2.6										3.9	3.5
NE	1.3	3.9	5.8	4.5								15.5	8.4
ENE	4.5	7.1	9.7	3.2								24.5	6.8
E	6.5	11.0	6.5	1.9								25.8	6.0
ESE	.6											.6	1.0
SE		.6										.6	5.0
SSE													
S													
SSW		.6										.6	4.0
SW													
WSW													
W													
WNW													
NW													
NNW		1.9	4.5	.6								7.1	7.7
VARB												8.4	
CALM													
	15.5	29.7	35.5	11.0								100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

JAN
MONTH

ALL WEATHER
CLASS

23
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6		.6									1.3	5.5
NNE	.6	1.9		.6								3.2	5.6
NE	1.3	5.2	3.2	3.9	.6							14.2	8.1
ENE	9.0	11.0	6.5	3.2								29.7	5.5
E	13.5	15.5	2.6									31.6	3.9
ESE	3.2	1.9	1.3									6.5	4.3
SE		.6										.6	4.0
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW		.6										.6	6.0
VARB												12.3	
CALM												100.0	4.6
	26.4	36.8	14.2	7.7	.6								

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

JAN
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.2	1.9	.2								4.0	6.8
NNE	1.4	1.8	.5	.4								4.0	5.1
NE	1.4	3.1	5.5	4.7	.2							14.8	8.8
ENE	5.1	7.2	11.7	6.9	.2							31.0	7.8
E	6.1	8.9	6.9	3.1	.3							25.3	6.4
ESE	.9	1.0	.6	.1								2.6	4.9
SE	.1	.2										.3	4.5
SSE		.1										.1	4.0
S		.5	.3									.8	6.7
SSW	.1	.8	.5	.1								1.5	6.4
SW	.1	.2	.7	.7								1.8	9.5
WSW	.2	.1	.2									.4	5.2
W	.2	.2										.4	3.4
WNW		.2										.2	5.0
NW		.3										.3	4.3
NNW	.2	.7	1.2	.4								2.5	7.8
VARB													
CALM												10.1	
	16.3	26.5	29.9	16.5	.6							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS

1240

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

FEB
MONTH

ALL WEATHER
CLASS

02
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7										.7	4.0
NNE	.7	2.1	.7	1.4								5.0	7.3
NE	1.4	7.1	4.3	2.1								14.9	6.5
ENE	5.7	9.9	7.1	3.5								26.2	6.5
E	15.6	17.0	5.0	.7								38.3	4.3
ESE	2.1	1.4	.7									4.3	4.0
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												10.6	
	25.5	38.3	17.7	7.8								100.0	4.9

TOTAL NUMBER OF OBSERVATIONS

141

DIRNAVOCEANNET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES

73-77

STATION NAME

YEARS

FEB

MONTH

ALL WEATHER

CLASS

05

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.4										1.4	5.0
NNE	1.4	1.4	.7									3.5	5.2
NE	6.4	6.4	5.7	.7								19.1	5.6
ENE	7.1	7.8	6.4	6.4	.7							28.4	7.1
E	8.5	17.0	4.3									29.8	4.4
ESE	.7	.7	1.4	.1								3.5	7.0
SE		.7										.7	4.0
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW		.7										.7	4.0
VARB													
CALM												12.8	
	24.1	36.2	18.4	7.8	.7							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS

141

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES

73-77

STATION NAME

YEARS

FEB

MONTH

ALL WEATHER

CLASS

08

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7											.7	3.0
NNE	3.5	5.0	.7									9.2	4.1
NE	5.0	10.6	7.1	5.7	.7	.7						29.8	7.7
ENE	5.0	12.1	9.2	2.1	.7							29.1	6.3
E	4.3	7.8	5.7	1.4								19.1	5.7
ESE	.7	1.4	.7									2.8	4.5
SE				.7								.7	12.0
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARB												6.5	
CALM													
	19.1	36.9	23.4	9.9	1.4	.7						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

141

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

FEB
MONTH

ALL WEATHER
CLASS

11
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7											.7	3.0
NNE		.7										.7	5.0
NE		.7	5.7	4.3	1.4							12.1	11.8
ENE	.7	2.8	18.4	15.6	3.5							41.1	10.9
E		2.8	18.4	13.5	2.1							36.9	10.7
ESE				1.4								1.4	11.5
SE	.7											.7	3.0
SSE													
S													
SSW													
SW			.7									.7	8.0
WSW			.7									.7	8.0
W				.7								.7	11.0
WNW		1.4										1.4	5.0
NW	.7	.7										1.4	4.0
NNW													
VARBL													
CALM												1.4	
	2.8	9.2	44.0	35.5	7.1							100.0	10.4

TOTAL NUMBER OF OBSERVATIONS

141

DIRNAVOCEANMET SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 41231 CUBI POINT, PHILIPPINES STATION NAME 73-77 YEARS MONTH FEB 14 HOURS (L.S.T.) 14

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE			4.3	1.4								5.7	10.0
ENE		4.3	12.8	9.9	1.4	1.4						29.8	10.8
E		4.3	13.5	13.5	1.4							32.6	10.7
ESE		2.1	4.3	.7								7.1	8.3
SE		.7										.7	6.0
SSE													
S		.7	.7	1.4								2.8	10.5
SSW		.7	5.7	2.1								8.5	9.9
SW		.7	5.0	2.8	.7							9.2	9.8
WSW													
W		.7										.7	5.0
WNW													
NW													
NNW		1.4	1.4									2.8	6.8
VARBL													
CALM												.0	
		15.6	47.5	31.9	3.5	1.4						100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 141

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES

73-77

STATION NAME

YEARS

FEB
MONTH

ALL WEATHER
CLASS

17
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7	4.3									5.0	8.3
NNE		.7	.7									1.4	5.5
NE		.7	.7	.7								2.1	8.7
ENE	.7	.7	17.0	7.1								25.5	9.9
E	1.4	6.4	11.3	5.7								24.8	8.7
ESE		1.4	.7	.7								2.8	7.5
SE			.7									.7	10.0
SSE		1.4	.7									2.1	6.0
S		4.3	.7									5.0	5.6
SSW		1.4	1.4									2.8	7.0
SW		.7	2.1									2.8	7.0
WSW	.7	1.4										2.1	4.0
W		.7										.7	6.0
WNNW		.7										.7	5.0
NW		.7	2.1									2.8	8.3
NNW	.7	.7	9.2	7.1								17.7	9.6
VARBL													
CALM												.7	
	3.5	22.7	51.8	21.3								100.0	8.6

TOTAL NUMBER OF OBSERVATIONS

141

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES

73-77

STATION NAME

YEARS

FEB
MONTH

ALL WEATHER
CLASS

20
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	4.3	9.9	.7								16.3	7.1
NNE	.7	.7										1.4	3.5
NE	3.5	5.0	5.7	.7								14.9	6.3
ENE	2.8	8.5	9.9	6.4								27.7	7.8
E	.7	7.1	8.5	3.5								19.9	7.7
ESE	.7	.7										1.4	3.0
SE													
SSE			.7									.7	4.0
S													
SSW													
SW													
WSW													
W													
WNW													
NW				.7								.7	13.0
NNW		2.1	7.1	.7								9.9	8.0
VARBL													
CALM												7.1	
	9.9	29.1	41.1	12.8								100.0	6.8

TOTAL NUMBER OF OBSERVATIONS

141

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 41231 CUBI POINT, PHILIPPINES STATION NAME 73-77 YEARS MONTH FEB 23 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	.7										2.1	3.7
NNE	.7	2.1		.7								3.5	5.2
NE		7.1	5.0	2.1								14.2	7.9
ENE	7.8	12.8	8.5	4.3	.7							34.0	6.6
E	12.8	16.3	5.7									34.8	4.4
ESE		1.4	.7									2.1	5.3
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNV													
NW													
NNW		.7										.7	4.0
VARB												8.5	
CALM												100.0	5.3
	22.7	41.1	19.9	7.1	.7								

TOTAL NUMBER OF OBSERVATIONS 141

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES

STATION NAME

73-77

YEARS

FEB

MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.0	1.8	.1								3.4	6.7
NNE	.9	1.6	.4	.3								3.1	5.1
NE	2.0	4.7	4.8	2.2	.3	.1						14.1	7.6
ENE	3.7	7.4	11.2	6.9	.9	.2						30.2	8.3
E	5.4	9.8	9.0	4.8	.4							29.5	7.1
ESE	.5	1.2	1.1	.4								3.2	6.5
SE	.1	.2	.1	.1								.4	7.0
SSE		.2	.1									.3	6.0
S		.7	.2	.2								1.1	7.1
SSW		.3	.9	.3								1.4	9.2
SW		.2	1.0	.4	.1							1.6	9.1
WSW	.1	.2	.1									.4	5.0
W		.2		.1								.3	7.3
WNW		.3										.3	5.0
NW	.1	.2	.3	.1								.6	7.9
NNW	.1	.7	2.2	1.0								4.0	8.6
VARBL													
CALM												6.2	
	13.5	28.6	33.0	16.8	1.7	.3						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

1128

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

MAR
MONTH

ALL WEATHER
CLASS

02
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE	2.6	1.9										4.5	3.7
NE	1.3	3.2	1.9	1.3								7.7	6.8
ENE	3.2	13.5	3.2	1.3								21.3	5.2
E	18.7	16.8	1.3	.6								37.4	3.8
ESE	1.9	.6	1.3									3.9	4.3
SE	1.3	.6										1.9	3.3
SSE													
S		.6										.6	6.0
SSW													
SW													
WSW													
W													
WNNW													
NW													
NNW													
VARB													
CALM												22.6	
	29.0	37.4	7.7	3.2								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES

STATION NAME

73-77

YEARS

MAR

MONTH

05

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.6										1.3	3.0
NNE		2.6										2.6	4.5
NE	1.9	3.2	.6	1.3								7.1	5.6
ENE	6.5	7.1	5.8	.6								20.0	5.3
E	22.6	14.2	3.2	.6								40.6	3.9
ESE	1.3	1.3										2.6	3.5
SE	.6											.6	3.0
SSE	1.3											1.3	3.0
S	.6											.6	3.0
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												23.2	
	35.5	29.0	9.7	2.6								100.0	3.4

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES

73-77

STATION NAME

YEARS

MAR
MONTH

ALL WEATHER
CLASS

08
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.3										1.9	3.7
NNE	3.9	1.3										5.2	2.5
NE	6.5	11.0	3.9	1.9	.6							23.9	5.6
ENE	4.5	13.5	10.3	3.9								32.3	6.8
E		8.4	8.4	3.9								20.6	8.1
ESE	.6	.6	.6									1.9	5.3
SE													
SSE		.6										.6	6.0
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW	.6											.6	2.0
VARBL													
CALM												12.9	
	16.8	36.8	23.2	9.7	.6							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

MAR
MONTH

ALL WEATHER
CLASS

11
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6										.6	4.0
NNE		.6										.6	4.0
NE		2.6	2.6	2.6								7.7	8.8
ENE		7.1	27.7	11.6	1.9							48.4	9.7
E	.6	3.9	14.8	15.5	1.3							36.1	10.6
ESE		.6	1.9	.6								3.2	9.2
SE													
SSE													
S													
SSW													
SW		1.3										1.3	5.5
WSW													
W													
WNW													
NW		.6										.6	4.0
NNW													
VARBL													
CALM												1.3	
	.6	17.4	47.1	30.3	3.2							100.0	9.6

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

MAR
MONTH

ALL WEATHER
CLASS

14
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE		3.2	3.2									6.5	7.2
ENE	.6	2.6	9.7	7.7	1.3							21.9	10.7
E		5.2	20.0	10.3								35.3	9.6
ESE		1.3	3.2	1.9								6.5	9.1
SE		.6		.6								1.3	9.5
SSE		.6	.6									1.3	6.5
S													
SSW			1.9	3.9								5.8	11.6
SW		1.9	10.3	3.9								16.1	9.8
WSW		.6	1.3	1.9								3.9	9.2
W			.6									.6	9.0
WNW													
NW													
NNW			.6									.6	6.0
VARBL												.0	
CALM													
	.6	16.1	51.6	30.3	1.3							100.0	9.7

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES

STATION NAME

73-77

YEARS

MAR
MONTH

ALL WEATHER
CLASS

17
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.3	9.0	2.6								14.2	8.8
NNE		.6										.6	6.0
NE		.6	.6									1.3	8.0
ENE		2.6	7.1	5.2								14.8	9.7
E		3.9	11.6	6.5								21.9	8.8
ESE		1.3	2.6									3.9	6.5
SE													
SSE													
S	.6	.6										1.3	3.0
SSW		3.9	.6									4.5	5.7
SW		.6	1.3									1.9	6.7
WSW													
W		.6										.6	6.0
WNW	.6											.6	3.0
NW	.6	.6	.6									1.9	5.7
NNW	1.3	2.6	16.8	8.4								25.0	9.5
VARBL													
CALM												3.2	
	4.5	19.4	50.3	22.6								100.0	8.4

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES

STATION NAME

73-77

YEARS

MAR

MONTH

20

HOURS (L & T)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	9.7	15.5	1.3								27.7	7.2
NNE	2.6	1.3										3.9	3.0
NE	1.3	.6										1.9	4.0
ENE	3.9	7.1	7.1	3.2								21.3	6.7
E	3.2	5.8	8.4	5.8								23.2	7.7
ESE			.6									.6	7.0
SE	.6											.6	2.0
SSE													
S	.6											.6	2.0
SSW													
SW													
WSW													
W													
WNW													
NW	.6											.6	3.0
NNW	.6	5.2	7.1	1.3								14.2	7.5
VARBL													
CALM												5.2	
	14.8	29.7	38.7	11.6								100.0	6.5

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES

73-77

STATION NAME

YEARS

MAR

MONTH

23

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE		.6										.6	4.0
NE		3.9	.6									4.5	5.4
ENE	8.4	12.9	4.5	1.3								27.1	4.9
E	14.8	22.6	3.2									40.6	3.9
ESE	2.6	4.5										7.1	4.0
SE		.6										.6	5.0
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL												19.4	
CALM													
	25.8	45.2	8.4	1.3								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES

STATION NAME

73-77

YEARS

MAR

MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.7	3.1	.5								5.7	7.4
NNE	1.1	1.1										2.3	3.4
NE	1.4	3.5	1.7	.9	.1							7.6	6.3
ENE	3.4	8.3	9.4	4.4	.4							25.9	7.5
E	7.5	10.1	8.9	5.4	.2							32.0	6.7
ESE	.8	1.3	1.3	.3								3.7	6.2
SE	.3	.2		.1								.6	4.9
SSE	.2	.2	.1									.4	5.0
S	.2	.2										.4	3.4
SSW		.5	.3	.5								1.3	9.0
SW		.5	1.5	.5								2.4	9.2
WSW		.1	.2	.2								.5	9.2
W		.1	.1									.2	7.5
WNW	.1											.1	3.0
NW	.2	.2	.1									.4	4.8
NNW	.3	1.0	3.1	1.2								5.6	8.7
VARBL													
CALM												11.0	
	16.0	28.9	29.6	14.0	.6							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

1240

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

APR
MONTH

ALL WEATHER
CLASS

02
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.7										1.3	3.0
NNE	2.0	2.0										4.0	3.5
NE	.7	3.3	.7									4.7	4.0
ENE	4.7	9.3	2.7		.7							17.3	5.1
E	14.7	21.3	6.7									44.7	4.6
ESE	2.0	2.0										4.0	3.3
SE	.7											.7	3.0
SSE													
S	.7											.7	1.0
SSW													
SW													
WSW													
W													
WNNW													
NW													
NNW													
VARBL													
CALM												22.7	
	26.0	36.7	12.0		.7							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOIS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

5702 SURFACE WINDS JAN 78

41231
STATION

CUBI POINT, PHILIPPINES

73-77

YEARS

APR
MONTH

ALL WEATHER
CLASS

05
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7										.7	4.0
NNE		2.0										2.0	4.3
NE	1.3	1.3	1.3	1.3								5.3	7.3
ENE	8.0	12.0	2.0									22.0	3.9
E	15.3	21.3	7.3									44.0	4.5
ESE		1.3		.7								2.0	7.0
SE		.7										.7	6.0
SSE													
S													
SSW													
SW													
WSW													
W													
WNNW													
NW													
NNW													
VARBL													
CALM												23.3	
	24.7	39.3	10.7	2.0								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231 CUBI POINT, PHILIPPINES 73-77 APR NORTH 08
STATION NAME YEARS HOURS (L.S.T.)
ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE	4.7	3.3										8.0	3.1
NE	4.7	5.3	1.3									11.3	4.4
ENE	4.7	12.7	17.3	4.0								38.7	6.9
E	3.3	5.3	13.3	6.0								28.0	8.0
ESE		2.7	.7									3.3	5.8
SE													
SSE		.7										.7	5.0
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												10.0	
	17.3	30.0	32.7	10.0								100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES

73-77

STATION NAME

YEARS

APR
MONTH

ALL WEATHER
CLASS

11
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			.7									.7	8.0
NNE		.7	.7									1.3	8.0
NE	1.3	2.7	3.3	2.0								9.3	7.9
ENE	.7	4.7	20.0	14.0								29.3	9.9
E		4.0	12.7	10.0								26.7	9.9
ESE			2.7	4.0								6.7	11.7
SE		.7										.7	4.0
SSE													
S	.7	.7										1.3	4.0
SSW			2.0	.7								2.7	9.8
SW		2.7	2.0	2.0								6.7	8.0
WSW		.7										.7	5.0
W	.7	.7										1.3	3.0
WNW		.7										.7	4.0
NW	.7		.7									1.3	5.0
NNW			.7									.7	7.0
VARBL													
CALM												.0	
	4.0	18.0	45.3	32.7								100.0	9.3

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

APR
MONTH

ALL WEATHER
CLASS

14
HOURS (L.S.T.)

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7											.7	2.0
NNE		.7	.7									1.3	7.5
NE		.7	2.7	1.3								4.7	9.0
ENE		1.3	16.7	8.7	.7							27.3	10.5
E	.7	2.7	12.0	5.3	.7							21.3	9.2
ESE		.7	4.0	1.3								6.0	9.6
SE													
SSE		.7										.7	6.0
S			1.3	.7								2.0	9.7
SSW			1.3	5.3								6.7	12.2
SW		1.3	12.0	12.0								25.3	10.3
WSW			.7	2.0								2.7	12.3
W													
WNW	.7											.7	2.0
NW													
NNW			.7									.7	8.0
VARBL												.0	
CALM													
	2.0	8.0	52.0	36.7	1.3							100.0	10.0

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 41231 CUBI POINT, PHILIPPINES STATION NAME 73-77 YEARS MONTH APR 17 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.0	2.7	2.0								6.7	8.7
NNE			.7									.7	10.0
NE			.7									.7	8.0
ENE	.7	2.0	8.7	6.0								17.3	9.6
E		2.0	10.0	1.3								13.3	6.7
ESE		2.7	3.3	.7								6.7	7.5
SE													
SSE		.7										.7	5.0
S	.7	1.3	2.7									4.7	6.7
SSW		.7	7.3	2.7								10.7	9.2
SW	1.3		4.7	2.7								8.7	8.6
WSW			.7									.7	8.0
W	.7											.7	3.0
WNW			.7									.7	7.0
NW		.7	1.3									2.0	7.3
NNW	1.3	3.3	10.0	10.0								24.7	9.9
VARBL													
CALM												1.3	
	4.7	15.3	53.3	25.3								100.0	8.8

TOTAL NUMBER OF OBSERVATIONS

150

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES

73-77

STATION NAME

YEARS

APR
MONTH

ALL WEATHER
CLASS

20
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	9.3	15.3	1.3								28.0	6.7
NNE		1.3										1.3	5.0
NE	1.3	2.7	.7									4.7	4.3
ENE	.7	6.7	10.7	.7								18.7	6.9
E	2.7	6.7	6.0									15.3	6.0
ESE	1.3											1.3	2.0
SE													
SSE		.7										.7	4.0
S	.7	1.3										2.0	3.7
SSW	.7	1.3										2.0	3.7
SW													
WSW	.7											.7	2.0
W													
WNW													
NW													
NNW	.7	8.0	6.7	.7								16.0	6.9
VARBL													
CALM												9.3	
	10.7	38.0	39.3	2.7								100.0	5.7

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES

STATION NAME

73-77

YEARS

APR

MONTH

23
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.7										1.3	4.0
NNE		.7	.7									1.3	6.0
NE	2.0	1.3										3.3	3.0
ENE	5.3	7.3	4.7	1.3								13.7	5.6
E	18.0	19.3	6.0	2.7								46.0	4.8
ESE	2.0	1.3										3.3	3.6
SE	.7											.7	3.0
SSE													
S		.7										.7	4.0
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARB													
CALM												24.7	
	28.7	31.3	11.3	4.0								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES

STATION NAME

73-77

YEARS

APR

MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.7	2.3	.4								4.9	6.7
NNE	.8	1.3	.3									2.5	4.5
NE	1.4	2.2	1.3	.6								5.5	5.9
ENE	3.1	7.0	10.3	4.3	.2							24.9	7.6
E	6.8	10.3	9.5	3.2	.1							29.9	6.3
ESE	.7	1.3	1.3	.8								4.2	7.4
SE	.2	.2										.3	4.0
SSE	.3	.3										.3	5.0
S	.3	.5	.5	.1								1.4	5.9
SSW	.1	.2	1.3	1.1								2.7	9.7
SW	.2	.5	2.3	2.1								5.1	9.6
WSW	.1	.1	.2	.2								.6	9.1
W	.2	.1										.2	3.0
WNW	.1	.1	.1									.2	4.3
NW	.1	.1	.2									.4	6.4
NNW	.2	1.4	2.2	1.3								5.2	6.7
VARBL													
CALM												11.4	
	14.7	27.3	32.1	14.2	.2							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

1200

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES

STATION NAME

73-77

YEARS

MAY

MONTH

ALL WEATHER

CLASS

02

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6											.6	2.0
NNE	.6	.6	.6									1.9	5.7
NE	.6	1.9										2.6	4.0
ENE	7.7	7.7	1.9									17.4	3.7
E	18.7	13.3	6.5									38.7	4.1
ESE	1.9	.6										2.6	2.8
SE													
SSE		.6										.6	4.0
S	.6											.6	3.0
SSW	.6											.6	3.0
SW				.6		.6	.6					1.9	23.0
WSW							.6					.6	28.0
W		.6										.6	6.0
WNW		.6										.6	5.0
NW													
NNW	1.3	.6	.6									2.6	5.3
VARBL													
CALM												27.7	
	32.9	27.1	9.7	.6		.6	1.3					100.0	3.4

TOTAL NUMBER OF OBSERVATIONS

155

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 41231 CUBI POINT, PHILIPPINES STATION NAME 73-77 YEARS MAY MONTH 05 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3										1.3	5.0
NNE													
NE	1.9	1.9										3.9	3.2
ENE	8.4	9.0	1.3									18.7	3.7
E	20.0	14.2	3.2									37.4	3.7
ESE	1.9											1.9	2.0
SE	1.9											1.9	2.0
SSE			.6									.6	8.0
S			.6										
SSW			.6			.6						1.3	16.5
SW		.6	.6	.6			.6					2.6	15.0
WSW													
W													
WNW													
NW			.6									.6	10.0
NNW	.6											.6	2.0
VARBL													
CALM												29.0	
	34.8	27.1	7.1	.6		.6	.6					100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

MAY
MONTH

ALL WEATHER
CLASS

08
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9											1.9	1.7
NNE	3.9											3.9	1.8
NE	7.7	7.1	1.3									16.1	3.7
ENE	1.9	9.7	14.8	3.2								29.7	7.4
E	1.3	3.9	9.7	1.9								16.8	7.7
ESE	.6											.6	1.0
SE													
SSE			.6									.6	10.0
S		1.3	.6									1.9	6.3
SSW				.6								.6	14.0
SW					.6	.6	.6					1.9	26.0
WSW		.6										.6	5.0
W	.6											.6	2.0
WNW													
NW				.6								.6	14.0
NNW	.6											.6	2.0
VARBL													
CALM												23.2	
	18.7	22.6	27.1	6.5	.6	.6	.6	.6				100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

MAY
MONTH

ALL WEATHER
CLASS

11
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE		1.9	5.2	1.3								8.4	8.4
ENE		3.9	13.5	5.2								22.6	9.5
E		3.9	5.8	3.9								13.5	9.0
ESE			.6	.6								1.3	11.0
SE													
SSE		.6	.6									1.3	6.0
S	.6	1.9	1.3	.6								4.5	7.6
SSW	.6	3.2	9.0	.6		.6						14.2	8.1
SW	1.9	5.8	12.3	3.9		1.3						25.2	8.6
WSW	.6		.6									1.3	5.0
W	.6	2.6	.6									3.9	5.2
WNW													
NW		.6		.6								1.3	9.5
NNW		.6		.6								1.3	9.0
VARBL													
CALM												1.3	
	4.5	25.2	49.7	17.4		1.9						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

MAY
MONTH

14
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6	.6									1.3	7.0
NNE				.6								.6	14.0
NE			1.3									1.3	8.5
ENE		1.3	5.8	4.5								11.6	9.8
E	.6		1.9	4.5								7.1	11.4
ESE		.6	.6									1.3	7.0
SE		.6										.6	4.0
SSE			.6									.6	8.0
S			2.6	.6								3.2	9.0
SSW	.6	2.6	12.9	7.1		.6						23.9	9.8
SW	.6	1.9	16.8	12.9		1.3						33.5	10.9
WSW	.6	.6	1.3	1.9		.6						4.5	12.3
W	.6	2.6	.6									3.9	5.3
WNW													
NW			.6		.6							1.3	15.5
NNW		.6	1.3	.6								2.6	9.5
VARBL													
CALM												2.6	
	2.6	11.6	47.1	32.9	.6	2.6						100.0	9.9

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES

STATION NAME

73-77

YEARS

MAY

MONTH

17

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		4.5	5.2	4.5								14.2	8.6
NNE	.6											.6	1.0
NE			1.3									1.3	9.0
ENE			5.2	1.9								7.1	9.5
E		1.9	2.6	1.9								6.5	8.9
ESE													
SE													
SSE		.6										.6	6.0
S	1.3	3.2	3.2	.6								8.4	6.2
SSW	.6	.6	6.5	2.6	.6							11.0	9.4
SW	.6	2.6	4.5	4.5		1.3	.6					14.2	11.6
WSW	.6	.6	.6	1.3								2.6	9.3
W	.6	.6	.6									1.9	5.3
WNW													
NW	.6	.6	.6	.6	1.3							3.9	11.2
NNW		4.5	9.7	6.5								20.6	8.9
VARBL													
CALM												7.1	
	5.2	19.4	40.0	24.5	1.9	1.3	.6					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS

155

SURFACE WINDS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 41231 CUBI POINT, PHILIPPINES STATION NAME 73-77 YEARS MAY NORTH
HOURS (L.S.T.) 20

ALL WEATHER
CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.6	16.1	7.1	1.9								27.7	6.1
NNE	3.2	2.6										5.8	3.4
NE		1.9	.6	.6								3.2	6.8
ENE	1.3	1.3	1.9	1.3								5.8	6.9
E	3.9	1.9	3.9									9.7	5.3
ESE	.6											.6	2.0
SE													
SSE													
S	1.9	1.3	1.3	1.3								5.8	6.7
SSW	1.3	2.6										3.9	4.0
SW	1.3	1.9	.6		.6	1.3						5.8	11.4
WSW													
W	1.3		.6									1.9	4.3
WNW		1.3										1.3	4.0
NW					.6							.6	18.0
NNW	1.3	5.2	8.4	1.3								16.1	7.2
VARBL													
CALM												11.6	
	18.7	36.1	24.5	6.5	1.3	1.3						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS

155

AD-A060 539

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE NC F/G 4/2
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS), CUBI PO--ETC(U)
JUL 78

UNCLASSIFIED

NL

2 OF 4

AD
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100

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEAR

MAY
MONTH

ALL WEATHER
CLASS

23
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.3	.6									2.6	5.0
NNE	.6											.6	2.0
NE	3.2	.6	1.3	.6								5.8	4.9
ENE	7.7	11.0	1.3									20.0	3.8
E	14.2	10.3	2.6									27.1	3.9
ESE	1.3		.6									1.9	3.3
SE		.6										.6	4.0
SSE													
S	1.9		1.3									3.2	5.4
SSW			.6									.6	9.0
SW			.6		.6	1.3						2.6	20.0
WSW													
W	.6		.6									1.3	5.5
WNW			.6	.6								1.3	9.0
NW													
NNW	1.3	1.3		.6								3.2	6.0
VARBL													
CALM												29.0	
	31.6	25.2	10.3	1.9	.6	1.3						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

MAY
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	3.0	1.7	.8								6.2	6.6
NNE	1.1	.4	.1	.1								1.7	3.6
NE	1.7	1.9	1.4	.3								5.3	5.3
ENE	3.4	5.5	5.7	2.0								16.6	6.5
E	7.3	6.2	4.5	1.5								19.6	5.4
ESE	.8	.2	.2	.1								1.3	4.1
SE	.2	.2										.4	2.8
SSE	.2	.2	.3									.6	6.9
S	.8	1.0	1.3	.4								3.5	6.7
SSW	.5	1.1	3.7	1.4	.1	.2						7.0	9.0
SW	.6	1.6	4.4	2.8	.2	1.0	.3					11.0	11.4
WSW	.2	.2	.3	.4		.1	.1					1.2	11.1
W	.6	.8	.4									1.8	5.0
WNW	.2	.2	.1	.1								.4	6.2
NW	.1	.2	.2	.2	.3							1.0	12.2
NNW	.6	1.6	2.5	1.2								6.0	7.8
VARBL													
CALM												16.5	
	18.6	24.3	26.9	11.4	.6	1.3	.4					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

1240

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

JUN
MONTH

ALL WEATHER
CLASS

02
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3		.7									2.0	5.0
NNE													
NE	2.0											2.0	2.3
ENE	10.7	10.0	.7									21.3	3.7
E	8.0	12.0	2.7									22.7	4.1
ESE	.7											.7	2.0
SE	.7											.7	2.0
SSE	.7	.7										1.3	3.0
S	1.3	3.3	.7	1.3								6.7	6.8
SSW		.7	.7	.7	1.3		.7					4.0	15.5
SW	.7		.7	4.0								5.3	12.1
WSW													
W	.7			.7								1.3	7.5
WNW													
NW		.7										.7	6.0
NNW	.7											.7	2.0
VARBL													
CALM												30.7	
	27.3	27.3	6.0	6.7	1.3		.7					100.0	3.8

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES

73-77

YEARS

JUN

MONTH

ALL WEATHER
CLASS

05

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3											1.3	2.5
NNE	1.3	.7										2.0	3.7
NE	1.3	1.3	1.3									4.0	5.0
ENE	11.3	10.7	.7									22.7	3.9
E	14.0	11.3	1.3									26.7	3.4
ESE		2.0										2.0	4.0
SE													
SSE		.7	.7									1.3	6.5
S		2.7	1.3	.7	.7							5.3	8.9
SSW			.7	2.7	.7							3.3	12.2
SW				.7								.7	18.0
WSW												.7	13.0
W													
WNW													
NW													
NNW			.7									.7	7.0
VARBL													
CALM												29.3	
	29.3	29.3	6.7	4.0	1.3							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES

73-77

STATION NAME

ALL WEATHER
CLASS

YEARS

JUN
MONTH

08
HOURS (L.S.T.)

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	.7										3.3	2.4
NNE	3.3	2.7										6.0	3.2
NE	7.3	5.3										12.7	3.1
ENE	8.0	11.3	2.7									22.0	4.3
E	4.0	6.0	.7									10.7	4.1
ESE	.7		.7									1.3	4.5
SE	.7	.7										1.3	3.5
SSE	1.3	.7	.7									2.7	5.3
S	.7		.7	1.3	2.0							4.7	13.7
SSW	.7	.7	.7	.7	1.3							4.0	10.7
SW					1.3							1.3	19.0
WSW				1.3								1.3	12.5
W	.7											.7	2.0
WNW													
NW													
NNW		2.0										2.0	5.3
VARB													
CALM												26.0	
	30.0	30.0	6.0	3.3	4.7							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES

73-77

YEARS

JUN
MONTH

ALL WEATHER
CLASS

11
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE		1.3										1.3	4.0
NE		.7	2.7									3.3	7.4
ENE	1.3	4.7	8.0									14.0	6.7
E		1.3	2.0									3.3	7.2
ESE													
SE		.7										.7	5.0
SSE			1.3									1.3	9.0
S	2.0	.7	2.0	1.3	1.3							7.3	8.9
SSW	1.3	6.7	8.0	4.0	2.7							22.7	9.2
SW	2.0	6.7	13.3	3.3	.7	.7						26.7	8.1
WSW	2.7	4.0	2.7	1.3	.7							11.3	7.0
W	1.3	1.3			.7							3.3	6.8
WNW		.7										.7	4.0
NW		.7	.7									1.3	6.5
NNW	.7	.7										1.3	4.0
VARBL													
CALM												1.3	
	11.3	30.0	40.7	10.0	6.0	.7						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES

73-77

STATION NAME

YEARS

JUN
MONTH

ALL WEATHER

CLASS

14
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE	.7											.7	3.0
NE		.7	1.3									2.0	8.0
ENE		3.3	1.3									4.7	5.7
E	1.3		2.0									3.3	6.2
ESE		.7	.7									1.3	6.5
SE													
SSE													
S		1.3	4.7	.7	1.3							8.0	9.9
SSW	.7		21.3	8.7	.7							31.3	10.1
SW		2.7	17.3	12.0	.7							32.7	10.3
WSW	.7	2.0	3.3	1.3								7.3	9.0
W		.7										.7	4.0
WNW		.7										.7	4.0
NW		.7		.7								1.3	8.5
NNW			.7									.7	10.0
VARBL													
CALM												5.3	
	3.3	12.7	52.7	23.3	2.7							100.0	8.9

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231

CUBI POINT, PHILIPPINES

73-77

JUN

STATION NAME

YEARS

MONTH

STATION

ALL WEATHER

17

CLASS

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.7	1.3	.7	.7							6.0	8.1
NNE		1.3										1.3	5.0
NE		.7										.7	5.0
ENE	.7	2.0										2.7	4.5
E	.7	2.0	.7	.7								4.0	6.0
ESE	.7											.7	1.0
SE		.7										.7	5.0
SSE	.7	.7										1.3	3.5
S	1.3	2.0	6.0	1.3								10.7	7.3
SSW		6.7	20.0	2.0	.7		1.3					30.7	9.3
SW		3.3	9.3	4.0								16.7	9.1
WSW		.7	2.0	.7								3.3	7.8
W		1.3	.7	.7								2.0	7.0
WNW	.7	.7	.7									2.0	6.3
NW		.7	1.3									2.0	6.3
NNW	.7	2.0	4.0	2.7								9.3	8.4
VARB													
CALM												6.0	
	6.0	27.3	45.3	12.7	1.3		1.3					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES

73-77

STATION NAME

YEARS

JUN
MONTH

ALL WEATHER
CLASS

20
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		8.7	5.3									14.0	6.2
NNE		2.0	.7									2.7	5.3
NE	.7											.7	2.0
ENE	3.3	.7										4.0	3.3
E	5.3	2.7	.7	.7								9.3	4.1
ESE		.7										.7	5.0
SE	1.3											1.3	3.0
SSE	2.0	.7	1.3									4.0	4.8
S	6.7	6.0	.7	2.7								16.0	5.1
SSW	2.7	2.0	2.7									7.3	5.4
SW	.7	3.3	1.3	2.0	.7		.7					8.7	9.8
WSW		1.3		1.3								2.7	8.8
W	.7	1.3	.7									2.7	4.8
WNW		.7										.7	4.0
NW	.7	.7	.7									2.0	5.0
NNW	2.0	6.0	3.3	.7								12.0	5.7
VARBL													
CALM												11.3	
	26.0	36.7	17.3	7.3	.7		.7					100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

JUN
MONTH

ALL WEATHER
CLASS

23
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		3.3										3.3	5.0
NNE	.7	.7										1.3	3.0
NE		.7	1.3									2.0	6.3
ENE	9.3	5.3										14.7	3.1
E	9.3	7.3	3.3									20.0	4.3
ESE	.7											.7	1.0
SE	2.0	.7										2.7	2.8
SSE	.7	1.3	.7									2.7	4.8
S	2.7	2.7	.7	.7								6.7	4.8
SSW		1.3		.7								2.0	8.0
SW		.7	1.3	.7	1.3	.7						4.7	13.6
WSW			.7	1.3								2.0	11.0
W		.7										.7	5.0
WNW													
NW			1.3									1.3	9.0
NNW	.7	1.3										2.0	3.7
VARBL													
CALM												33.3	
	26.0	26.0	9.3	3.3	1.3	.7						100.0	3.4

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

JUN
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.9	.9	.1	.1							3.7	5.8
NNE	.7	1.1	.1									1.9	3.8
NE	1.4	1.2	.8									3.4	4.5
ENE	5.6	6.0	1.7									13.2	4.3
E	5.3	5.3	1.7	.2								12.5	4.2
ESE	.3	.4	.2									.9	3.9
SE	.6	.3										.9	3.3
SSE	.7	.6	.6									1.8	5.1
S	1.8	2.3	2.1	1.2	.7							8.2	7.6
SSW	.7	2.2	6.7	2.4	.8		.2					13.2	9.6
SW	.4	2.1	5.4	3.2	.7	.2	.1					12.1	9.9
WSW	.4	1.0	1.1	1.0	.1							3.6	8.4
W	.4	.7	.1	.2	.1							1.4	5.9
WNW	.1	.3	.1									.5	5.2
NW	.1	.4	.5	.1								1.1	6.8
NNW	.6	1.5	1.1	.4								3.6	6.4
VARBL													
CALM												17.9	
	19.9	27.4	23.0	8.8	2.4	.2	.3					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS

1200

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES

STATION NAME

73-77

YEARS

JUL
MONTH

ALL WEATHER

CLASS

02

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.6	.6									1.9	4.7
NNE	.6											.6	2.0
NE	1.9	1.3										3.2	2.6
ENE	8.4	1.9										10.3	2.9
E	21.9	4.5	.6									27.1	2.7
ESE		.6										.6	4.0
SE	1.9	.6										2.6	2.8
SSE													
S	1.3	2.6	1.3									5.2	5.3
SSW	.6	1.9	1.9	1.3	.6							6.5	8.4
SW				2.6	1.3							3.9	15.0
WSW			1.3									1.3	9.0
W			.6									.6	8.0
WNW													
NW	.6	.6										1.3	4.0
NNW		1.9										1.9	4.7
VARBL													
CALM												32.9	
	38.1	16.8	6.5	3.9	1.9							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

JUL
MONTH

ALL WEATHER
CLASS

05
HOURS (L.S.T.)

CONDITION

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.6										1.3	4.5
NNE	.6	1.3										1.9	4.0
NE	1.9	.6	.6									3.2	3.6
ENE	7.1	3.2										10.3	3.1
E	19.4	6.5										25.8	2.8
ESE	.6	.6										1.3	3.5
SE													
SSE	1.3	1.9										3.2	3.8
S	1.3	3.2		.6								5.2	5.5
SSW	.6	.6	1.9									3.2	6.4
SW			.6	1.9	1.3							3.9	13.8
WSW			1.3	.6								1.9	11.0
W		.6										.6	6.0
WNW													
NW			.6									.6	7.0
NNW	1.3	1.3										2.6	3.8
VARBL												34.8	
CALM												100.0	2.9
	34.8	20.6	5.2	3.2	1.3								

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES

STATION NAME

73-77

YEARS

JUL

MONTH

ALL WEATHER

CLASS

08

HOURS (L.S.T.)

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6											.6	1.0
NNE	5.2											5.2	2.1
NE	7.7	1.3	.6									9.7	2.7
ENE	5.8	6.5										12.3	3.6
E	5.2	4.5	3.9	.6								14.2	5.1
ESE		.6										.6	6.0
SE			.6									.6	7.0
SSE	1.3	1.3										2.6	3.3
S	.6	3.2	2.6									6.9	6.0
SSW	1.3	1.3	1.9	1.9	.6							7.1	8.9
SW	.6	.6	1.3	1.9	.6							5.2	10.6
WSW	.6	.6		.6								1.9	6.7
W	.6											.6	1.0
WNW													
NW													
NNW		1.3										1.3	4.5
VARB													
CALM												31.6	
	29.7	21.3	11.0	5.2	1.3							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

JUL
MONTH

ALL WEATHER
CLASS

11
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3										1.3	5.5
NNE	.6											.6	2.0
NE	.6	1.9										2.6	4.3
ENE		1.3	3.9									5.2	7.5
E	.6	1.9	7.1	1.3								11.0	8.1
ESE		.6	1.3									1.9	6.7
SE													
SSE	.6	.6	.6									1.9	6.0
S		1.9	1.9									3.9	7.0
SSW		3.9	9.0	1.3								14.2	8.2
SW	2.6	8.4	12.3	2.6								25.8	7.4
WSW		7.1	1.9	2.6								11.6	7.9
W	4.5	1.9	.6									7.1	3.5
WNW	1.3	.6										1.9	2.7
NW	.6											.6	3.0
NNW	2.6	1.3										3.9	2.8
VARBL													
CALM												6.5	
	14.2	32.9	38.7	7.7								100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET S/MOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

JUL
MONTH

ALL WEATHER
CLASS

14
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6										.6	5.0
NNE	1.3		.6									1.9	4.0
NE	.6	.6										1.3	3.0
ENE		1.3	.6									1.9	7.0
E		3.9	2.6	.6								7.1	6.8
ESE		.6	1.3									1.9	6.7
SE		1.3										1.3	4.5
SSE		.6										.6	6.0
S	1.3	3.2	1.9	1.3								7.7	6.5
SSW		2.6	14.8	5.2								22.6	9.2
SW		3.9	20.0	10.3	1.9		.6					36.8	10.3
WSW		.6	2.6	2.6								5.8	10.6
W	.6	.6	.6									1.9	4.3
WNW	.6		.6									1.3	5.5
NW		.6										.6	5.0
NNW	.6		1.3									1.9	6.7
VARBL													
CALM												4.5	
	5.2	20.6	47.1	20.0	1.9		.6					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

JUL
MONTH

ALL WEATHER
CLASS

17
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	3.9	4.5	4.5								15.5	7.6
NNE		.6	.6									1.3	7.0
NE		.6										.6	6.0
ENE	.6	1.9										2.6	5.3
E	1.3	1.3	1.9									4.5	5.7
ESE													
SE													
SSE			1.3									1.3	7.5
S		2.6	5.2									7.7	7.0
SSW	.6	2.6	8.4	1.3								12.9	8.1
SW	.6	3.9	9.7	3.9	.6	.6						19.4	9.7
WSW	1.3	2.6	3.2	.6	.6	.6						9.0	8.7
W	.6	1.9	.6									3.2	4.4
WNW		1.3	.6									1.9	5.7
NW		2.6										2.6	4.8
NNW		2.6	7.7									10.3	7.6
VARBL													
CALM												7.1	
	7.7	28.4	43.9	10.3	1.3	1.3						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

41231
STATION

CUBI POINT, PHILIPPINES

73-77

STATION NAME

YEARS

JUL
MONTH

ALL WEATHER
CLASS

20
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.2	7.1	5.2	.6								18.1	5.6
NNE	1.3	3.2										4.5	3.9
NE	1.3	1.3										2.6	4.0
ENE	.6	2.6	.6									3.9	4.7
E	3.2	2.6	1.3									7.1	4.0
ESE	.6											.6	3.0
SE	1.3	.6										1.9	3.7
SSE	.6	1.3										1.9	3.7
S	5.2	3.9	2.6									11.6	4.4
SSW	1.9	.6	3.2	.6								6.5	6.9
SW	1.3	1.9	3.9	1.3	.6							9.0	7.7
WSW		1.3	1.3	.6								3.2	7.8
W		.6	.6									1.3	6.5
WNW													
NW	.6	.6										1.3	3.5
NNW		6.5	1.3									7.7	5.2
VARBL													
CALM												18.7	
	23.2	34.2	20.0	3.2	.6							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

JUL
MONTH

ALL WEATHER
CLASS

23
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.9	.6									3.9	4.8
NNE	1.3	.6										1.9	3.3
NE	1.3	1.9	.6									3.9	4.3
ENE	5.8	2.6	.6									9.0	3.2
E	14.2	4.5	1.3									20.0	3.1
ESE	1.9											1.9	1.3
SE	1.3											1.3	1.5
SSE	1.3	.6										1.9	3.7
S	1.3	3.2	1.3									5.8	5.1
SSW	.6	.6	1.9	.6								5.8	10.2
SW	1.3	.6	1.3	.6								3.9	7.2
WSW				.6								.6	13.0
W	.6			.6								1.3	8.0
WNW													
NW													
NNW	1.3	.6	.6									2.6	4.5
VARBL													
CALM												36.1	
	33.5	17.4	8.4	3.9	.6							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

JUL
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.0	1.4	.6								5.4	6.1
NNE	1.4	.7	.2									2.3	3.4
NE	1.9	1.2	.2									3.4	3.4
ENE	3.5	2.7	.7									6.9	4.0
E	8.2	3.7	2.3	.3								14.6	4.0
ESE	.4	.4	.3									1.1	4.6
SE	.6	.3	.1									1.0	3.4
SSE	.6	.8	.2									1.7	4.4
S	1.4	3.0	2.1	.2								6.7	5.7
SSW	.7	1.8	5.4	1.7	.2							9.8	8.5
SW	.8	2.4	6.1	3.1	.8	.1	.1					13.5	9.5
WSW	.2	1.5	1.5	1.0	.1	.1						4.4	8.8
W	.9	.7	.4	.1								2.1	4.5
WNW	.2	.2	.2									.6	4.5
NW	.2	.6	.1									.9	4.5
NNW	.7	1.9	1.4									4.0	5.5
VARB													
CALM												21.5	
	23.3	24.0	22.6	7.2	1.1	.2	.1					100.0	4.8

TOTAL NUMBER OF OBSERVATIONS

1240

SURFACE WINDS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES

73-77

STATION NAME

YEARS

AUG
MONTH

ALL WEATHER
CLASS

02
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6										.6	4.0
NNE	3.2											3.2	1.4
NE	2.6	.6										3.9	3.2
ENE	5.8	1.3										7.1	2.5
E	7.7	3.9	.6									12.3	3.5
ESE	.6	.6	.6									1.3	5.0
SE													
SSE	.6	.6										1.3	4.5
S	2.6	3.2	1.9									7.7	4.9
SSW	1.9	1.3	3.2	2.6								9.0	8.0
SW		.6	3.2	1.3								5.2	9.0
WSW		2.6	4.5	1.9	.6							9.7	9.5
W			1.9	.6								2.6	10.5
WNW													
NW	.6		.6									1.3	6.0
NNW	.6											.6	3.0
VARBL													
CALM												34.2	
	26.5	14.8	17.4	6.5	.6							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231

CUBI POINT, PHILIPPINES

73-77

AUG

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

05

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	.6										1.9	3.3
NNE			.6									.6	7.0
NE	2.6	.6										3.2	2.6
ENE	1.3	1.9										3.2	4.0
E	9.0	6.5	.6									16.1	3.3
ESE	2.6											2.6	2.0
SE	.6											.6	2.0
SSE		.6										.6	5.0
S	1.9	2.6	.6									5.2	4.5
SSW	1.9	3.2	3.9	1.3	.6							11.0	7.3
SW		.6	1.9	3.2								5.8	10.9
WSW			2.6	2.6	.6							5.8	12.0
W		.6	2.6	2.6								5.8	10.6
WNW													
NW													
NNW													
VARBL													
CALM												37.4	
	21.3	17.4	12.9	9.7	1.3							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

AUG
MONTH

ALL WEATHER
CLASS

08
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6		.6									1.3	5.0
NNE	1.9	.6										2.6	2.5
NE	3.9	2.6										6.5	3.0
ENE	5.8	5.8	2.6									14.2	4.4
E	3.9	8.4	1.3									13.5	4.1
ESE	1.3											1.3	2.0
SE													
SSE	.6											.6	2.0
S	.6	3.2	.6									4.5	5.0
SSW	1.3	2.6	1.9	1.3								7.1	7.5
SW	.6		4.5	2.6	.6							8.4	10.5
WSW		1.3	2.6	3.9	1.3							9.0	11.6
W	.6	1.3	1.9	1.9								5.8	8.4
WNW													
NW													
NNW													
VARBL													
CALM												25.2	
	21.3	25.8	16.1	9.7	1.9							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMO5

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

AUG
MONTH

ALL WEATHER
CLASS

11
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6		1.3									1.9	5.3
NNE													
NE	.6	.6	2.6	.6								4.5	7.3
ENE		2.6	3.9									6.5	7.1
E	.6	3.9	1.9									6.5	5.7
ESE		.6	.6									1.3	7.0
SE													
SSE	.6	1.3										1.9	4.0
S	2.6	.6	.6	.6								4.5	4.6
SSW	.6	9.7	5.2	1.9		.6						18.1	7.0
SW		5.8	8.4	5.8								20.0	8.8
WSW		3.9	3.9	7.1	.6	.6						16.1	10.7
W		1.3	2.6	1.9								5.8	9.0
WNW				.6								.6	14.0
NW	.6											.6	3.0
NNW		2.6	1.3									3.9	5.3
VARBL													
CALM												7.7	
	6.5	32.9	32.3	18.7	.6	1.3						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

AUG
MONTH

ALL WEATHER
CLASS

14
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3	2.6		.6							4.5	8.6
NNE													
NE		.6	.6									1.3	6.5
ENE	1.3	1.9	1.9	.6								5.8	5.9
E	.6	1.3	1.3									3.2	5.8
ESE		1.3	.6									1.9	5.3
SE													
SSE		.6										.6	5.0
S	.6	4.5	1.3									6.5	5.4
SSW		3.9	12.3	.6								16.8	7.8
SW	.6	4.5	12.3	7.7								25.2	9.5
WSW	.6	1.3	3.9	8.4	1.3							15.5	11.5
W		.6	1.9	4.5	.6							7.7	11.7
WNW													
NW		1.3										1.3	5.0
NNW	.6		.6									1.3	6.0
VARBL													
CALM												8.4	
	4.5	23.2	39.4	21.9	2.6							100.0	8.0

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 41231 CUBI POINT, PHILIPPINES 73-77 YEARS MONTH AUG 17 HOURS (L.S.T.) 17

ALL WEATHER
CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.6	3.9	1.3								9.0	7.4
NNE		.6										.6	4.0
NE	.6											.6	3.0
ENE	1.3	.6	1.9									3.9	5.5
E	1.3	.6										1.9	3.3
ESE		.6										.6	6.0
SE													
SSE													
S	3.2	6.4	2.6									14.2	4.8
SSW	.6	2.6	5.2	1.3								9.7	7.3
SW		1.9	5.8	3.2								11.0	9.5
WSW	1.9	1.3	5.2	5.8								14.2	9.5
W		3.9	3.2	3.9								11.0	8.8
WNW	1.3											1.3	2.0
NW	1.3	1.3										2.6	3.5
NNW	.6	1.9	3.9	1.3								7.7	7.6
VARBL													
CALM												11.6	
	13.5	26.5	31.6	16.8								100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

AUG
MONTH

ALL WEATHER
CLASS

20
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.6	2.6	.6								7.1	6.8
NNE	1.9	1.3										3.2	3.4
NE	3.2	.6										3.9	2.5
ENE	1.9	1.9	.6									4.3	4.0
E	1.9	3.2	.6									5.8	4.2
ESE		.6										.6	4.0
SE	.6	.6										1.3	3.5
SSE	.6											.6	3.0
S	5.8	5.2	1.9	1.3								14.2	4.9
SSW	1.3	3.2	3.9									6.4	6.3
SW		2.6	5.2	.6	.6							9.0	8.6
WSW		1.3	2.6	1.9								5.8	9.6
W		1.3	3.2	1.3								5.8	8.9
WNW													
NW		.6										.6	4.0
NNW	1.9	1.9										3.9	3.7
VARBL													
CALM												25.2	
	20.6	27.1	20.6	5.8	.6							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES

STATION NAME

73-77

YEARS

AUG
MONTH

ALL WEATHER
CLASS

23
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.9	1.9		.6								4.5	5.6
NNE		.6										.6	4.0
NE		.6	.6									1.3	6.0
ENE	3.2	3.2										6.3	3.2
E	10.3	2.6										12.9	2.9
ESE	.6	.6										1.3	3.0
SE													
SSE	.6	.6										1.3	4.0
S	1.9	5.2	1.3									8.4	5.0
SSW	.6	3.9	2.6	1.3	.6							9.0	8.4
SW	.6	1.9	1.9	1.9								6.5	8.2
WSW		1.3	5.2	1.9		.6						9.0	10.3
W		1.3	2.6									3.9	8.3
WNW	.6											.6	1.0
NW		1.3	.6									1.9	6.0
NNW	1.3	.6	.6									2.6	4.3
VARBL													
CALM												29.7	
	21.9	25.8	15.5	5.6	.6	.6						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANNET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

AUG
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.2	1.4	.3	.1							3.9	6.6
NNE	.9	.4	.1									1.4	2.9
NE	1.7	.8	.6	.1								3.1	4.0
ENE	2.5	2.4	1.4	.1								6.5	4.5
E	4.4	3.8	.8									9.0	3.8
ESE	.6	.5	.2									1.4	4.0
SE	.2	.1										.2	3.0
SSE	.4	.5										.9	4.0
S	2.4	4.1	1.4	.2								8.1	4.9
SSW	1.0	3.8	4.8	1.3	.2	.1						11.1	7.4
SW	.2	2.3	5.4	3.3	.2							11.4	9.3
WSW	.3	1.6	3.8	4.2	.6	.2						10.6	10.6
W	.1	1.3	2.5	2.1	.1							6.0	9.5
WNW	.2			.1								.3	4.8
NW	.3	.6	.2									1.0	4.7
NNW	.6	.9	.8	.2								2.5	5.7
VARBL													
CALM												22.4	
	17.0	24.2	23.2	11.9	1.0	.2						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

1240

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

SEP
MONTH

ALL WEATHER
CLASS

02
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.3		.7								2.7	6.3
NNE													
NE	4.0	2.0										6.0	3.3
ENE	10.7	2.0										12.7	2.3
E	18.0	7.3	.7									26.0	2.9
ESE	1.3	1.3										2.7	3.5
SE													
SSE													
S	2.7	2.7			.7							6.0	5.1
SSW	.7	.7	2.0	1.3								4.0	8.8
SW		1.3		.7								2.0	6.0
WSW		.7	1.3									2.0	6.7
W													
WNW			.7									.7	10.0
NW													
NNW	.7											.7	1.0
VARB													
CALM												34.7	
	38.0	19.3	4.7	2.7	.7							100.0	2.5

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES

STATION NAME

73-77

YEARS

SEP

MONTH

ALL WEATHER

CLASS

05

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7											.7	2.0
NNE	2.0	1.3										3.3	3.4
NE	3.3											3.3	2.6
ENE	10.7	2.7	.7									14.0	2.8
E	15.3	8.0										23.3	3.0
ESE													
SE													
SSE	.7	.7										1.3	3.5
S	.7	2.0		1.3								4.0	6.7
SSW	1.3	.7	2.7	.7								5.3	7.3
SW	.7	.7	1.3									2.0	7.7
WSW		.7										.7	4.0
W				.7								.7	12.0
WNW													
NW													
NNW		.7										.7	5.0
VARBL													
CALM												40.7	
	34.7	17.3	4.7	2.7								100.0	2.3

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

SEP
MONTH

ALL WEATHER
CLASS

08
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.0										2.7	4.0
NNE	2.7	2.7										5.3	3.0
NE	9.3	3.3										12.7	2.8
ENE	8.0	6.7	2.0									16.7	3.9
E	4.7	8.0	3.3									16.0	4.8
ESE													
SE	.7											.7	3.0
SSE	.7	.7	.7									2.0	5.3
S	2.0	.7	.7									3.3	4.0
SSW	.7	.7	.7	2.0								4.0	10.2
SW	.7	1.3	1.3	.7								4.0	7.3
WSW		.7	2.0									2.7	7.8
W												.7	3.0
WNW	.7												
NW												.7	2.0
NNW	.7												
VARBL												28.7	
CALM												100.0	3.2
	31.3	26.7	10.7	2.7									

TOTAL NUMBER OF OBSERVATIONS

150

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CURI POINT, PHILIPPINES

STATION NAME

73-77

YEARS

SEP

MONTH

ALL WEATHER

CLASS

11

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7										.7	5.0
NNE	2.0											2.0	2.3
NE	.7											.7	3.0
ENE	.7	3.3	8.7									12.7	7.2
E	1.3	6.0	8.7	.7								16.7	7.0
ESE		1.3	2.0									3.3	6.6
SE	.7		.7									1.3	5.0
SSE		.7										.7	6.0
S	.7	1.3	.7	.7								3.3	6.2
SSW	.7	6.0	4.0	2.7	.7							16.0	7.3
SW	.7	7.3	6.7	.7								15.3	6.6
WSW	2.7	3.3	5.3	1.3								12.7	6.6
W	5.3	1.3	.7									7.3	3.4
WNW	.7	1.3										2.0	3.7
NW	.7	.7										1.3	3.0
NNW	.7	.7										1.3	3.5
VARBL													
CALM												2.7	
	17.3	36.0	37.3	6.0	.7							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

41231
STATION

CUBI POINT, PHILIPPINES

STATION NAME

73-77

YEARS

SEP

MONTH

14

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.3	.7									2.7	4.8
NNE	.7											.7	3.0
NE		1.3	2.0									3.3	6.6
ENE		2.7	5.3	.7								8.7	7.4
E	2.0	4.0	5.3	.7								12.0	6.4
ESE		1.3										1.3	3.0
SE	.7											.7	2.0
SSE	.7	.7										1.3	4.0
S	.7	1.3	1.3									3.3	6.2
SSW	.7	6.0	18.7	3.3	.7							29.3	8.3
SW	1.3	4.0	13.3	4.0								22.7	8.3
WSW	.7	3.3	1.3	1.3								6.7	7.0
W	.7	.7	.7									2.0	5.7
WNW	.7											.7	2.0
NW													
NNW		2.0	.7									2.7	5.3
VARBL													
CALM												2.0	
	9.3	28.7	49.3	10.0	.7							100.0	7.2

TOTAL NUMBER OF OBSERVATIONS

150

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

5702 SURFACE WINDS JAN 78

STATION 41231 CUBI POINT, PHILIPPINES STATION NAME 73-77 YEARS MONTH SEP 17 HOURS (LST) 17

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	4.7	8.7	4.0								18.0	8.3
NNE													
NE		2.0										2.0	4.7
ENE		1.3										1.3	6.0
E	1.3	5.3	1.3									8.0	5.4
ESE		1.3										1.3	5.5
SE	1.3											1.3	2.0
SSE		.7	.7									1.3	7.0
S	2.0	6.7										8.7	4.2
SSW		5.3	4.0	2.7								12.0	7.6
SW	2.0	7.3	4.7	1.3								15.3	6.7
WSW		.7	2.0									2.7	7.3
W	.7	1.3	.7									2.7	5.0
WNW	.7	1.3	.7									2.7	5.0
NW		1.3										1.3	4.5
NNW	2.7	4.0	9.3	.7								16.7	6.8
VARBL													
CALM												4.7	
	11.3	43.3	32.0	8.7								100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

SEP
MONTH

ALL WEATHER
CLASS

20
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	3.3	1.3									7.3	4.5
NNE	4.0	4.7	1.3									10.0	4.1
NE	1.3	2.7										4.0	3.7
ENE	2.0	4.0	.7									6.7	4.2
E	7.3	4.0	1.3									12.7	3.6
ESE	.7	.7	.7									2.0	5.0
SE													
SSE	1.3	1.3										2.7	3.3
S	2.0	2.7	.7									5.3	4.5
SSW	1.3	2.0	.7	.7								4.7	5.7
SW	1.3	2.7	2.0									6.0	5.7
WSW				1.3								1.3	12.0
W	.7											.7	3.0
WNW	.7											.7	2.0
NW		.7										.7	6.0
NNW	2.0	5.3										7.3	4.4
VARBL													
CALM												28.0	
	27.3	34.0	8.7	2.0								100.0	3.2

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 41231 CUBI POINT, PHILIPPINES 73-77 YEARS MONTH 23 SEP
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.3	1.3									3.3	5.0
NNE	1.3	.7										2.0	2.7
NE	2.0	1.3										3.3	3.4
ENE	5.3	1.3	1.3									5.0	4.0
E	16.0	10.7				.7						27.3	3.7
ESE		.7										.7	4.0
SE													
SSE		.7										.7	5.0
S	1.3	2.7	.7									4.7	4.4
SSW	.7	2.0	1.3	.7								4.7	6.7
SW	1.3	.7	.7	.7	.7							3.3	8.2
WSW			1.3									1.3	13.0
W		.7										.7	8.0
WNW													
NW													
NNW		.7										.7	8.0
VARBL													
CALM												39.3	
	28.7	21.3	6.7	2.7	.7	.7						100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES

73-77

YEARS

SEP
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.8	1.5	.6								4.7	6.4
NNE	1.6	1.2	.2									2.9	3.4
NE	2.6	1.6	.2									4.4	3.5
ENE	4.7	3.0	2.3	.1								10.1	4.4
E	8.2	6.7	2.6	.2		.1						17.7	4.3
ESE	.2	.8	.3									1.4	5.1
SE	.4		.1									.5	3.2
SSE	.4	.7	.2									1.2	4.6
S	1.5	2.5	.5	.2	.1							4.8	5.0
SSW	.7	3.2	4.2	1.7	.2							10.0	7.8
SW	.9	3.1	3.7	1.0	.1							8.8	7.3
WSW	.4	1.2	1.5	.7								3.7	7.3
W	.9	.4	.3	.1								1.7	4.6
WNW	.4	.3	.2									.9	4.4
NW	.1	.3										.4	4.2
NNW	.8	1.6	1.3	.1								3.8	5.7
VARB													
CALM												22.6	
	24.7	28.3	19.2	4.7	.3	.1						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS

1200

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES

STATION NAME

73-77

YEARS

OCT
MONTH

ALL WEATHER
CLASS

02
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6	.6									1.3	5.5
NNE	3.2	.6										3.9	2.7
NE	2.6	2.6										5.2	3.1
ENE	10.3	3.9	.6									14.8	3.2
E	14.2	11.0										25.2	3.4
ESE	2.6	1.3										3.9	3.2
SE													
SSE	1.3											1.3	2.0
S				.6								.6	13.0
SSW				1.9	1.3							3.2	15.4
SW			.6	.6								.6	10.0
WSW			.6	.6	.6							1.9	16.7
W				1.3	.6							.6	17.0
WNW												1.3	13.0
NW													
NNW			.6									.6	10.0
VARB													
CALM												35.5	
	34.2	20.0	3.2	4.5	1.9	.6						100.0	3.1

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION	41231
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CUBI POINT, PHILIPPINES

73-77

STATION NAME

YEARS

OCT
MONTH

MONTH

ALL WEATHER
CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9											1.9	2.3
NNE	.6	.6	.6									1.9	4.7
NE	3.9	3.2										7.1	3.1
ENE	7.1	4.5										11.6	3.6
E	12.9	13.5	.6									27.1	3.6
ESE	1.9											1.9	2.3
SE	.6	.6										1.3	3.5
SSE			.6									.6	10.0
S	.6	1.9		.6	.6							3.9	8.5
SSW			1.3		1.3							2.6	13.5
SW		.6										.6	6.0
WSW				.6			.6					1.3	23.0
W												.6	18.0
WNW					.6							1.3	8.0
NW				.6								36.1	
NNW	.6											100.0	3.1
VARBL													
CALM	30.3	25.2	3.2	1.9	2.6		.6						

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

OCT
MONTH

ALL WEATHER
CLASS

08
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.6										1.9	3.3
NNE	4.5	1.3										5.8	2.9
NE	7.1	1.3										8.4	2.8
ENE	8.4	14.2	1.9	.6								25.2	4.7
E	3.2	8.4	4.5									16.1	5.4
ESE		.6										.6	6.0
SE													
SSE		.6										.6	5.0
S		.6	1.3	.6	.6							3.2	10.6
SSW		.6		.6	.6							1.9	12.7
SW			.6	.6				.6				1.3	12.0
WSW												.6	38.0
W				.6								.6	12.0
WNW													
NW		.6			.6							1.3	12.5
NNW		.6										.6	6.0
VARB													
CALM												31.6	
	24.5	29.7	6.4	3.2	1.9			.6				100.0	3.8

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

OCT
MONTH

ALL WEATHER
CLASS

11
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.6	.6									1.9	5.3
NNE	.6	1.3										1.9	4.3
NE		2.6	3.9									6.5	7.2
ENE		7.1	16.1	3.2	.6							27.1	8.2
E	1.3	6.5	17.4	3.2								28.4	8.2
ESE		.6	.6									1.3	7.5
SE		.6										.6	4.0
SSE	.6	.6	.6									1.9	5.0
S		1.3		.6	.6		.6					3.2	15.0
SSW	.6	2.6	3.2	1.3								7.7	7.3
SW		.6	.6	.6								1.9	9.0
WSW		1.3	1.3			.6						3.2	10.4
W	1.9	1.3	.6	.6								4.5	5.0
WNW			1.3									1.3	8.0
NW							.6					.6	30.0
NNW		1.9	1.3	.6								3.9	7.3
VARBL													
CALM												3.9	
	5.8	29.0	47.7	10.3	1.3	.6	1.3					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

5702 SURFACE WINDS JAN 78

41231
STATION

CUBI POINT, PHILIPPINES

73-77

STATION NAME

YEARS

OCT

MONTH

ALL WEATHER

CLASS

14

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.6		.6								1.9	6.7
NNE													
NE			.6									.6	8.0
ENE		6.5	12.9	1.9								21.3	7.9
E	.6	7.1	12.9	4.5								25.2	7.9
ESE		.6	1.9									2.6	7.0
SE			.6									.6	9.0
SSE		.6										.6	4.0
S		1.3	2.6	1.9								5.8	8.9
SSW		3.9	9.7	1.9	.6	.6						16.8	9.2
SW		3.9	6.5	.6								11.0	7.4
WSW		1.3	.6	.6	.6		.6					3.9	13.8
W		.6		.6								1.3	11.0
WNW	.6		.6									1.3	6.0
NW		1.3										1.3	5.0
NNW			1.3	1.3								2.6	11.8
VARBL													
CALM												3.2	
	1.9	27.7	50.3	14.2	1.3	.6	.6					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES

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YEARS

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MONTH

ALL WEATHER
CLASS

17
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	11.6	5.2	1.3								19.4	6.4
NNE		1.9		.6								2.6	7.3
NE	1.9	1.9	.6									4.5	4.3
ENE	1.3	5.2	3.9	.6								11.0	6.2
E	1.3	5.8	6.5	1.3								14.8	6.9
ESE	1.9		1.3									3.2	4.8
SE		1.3										1.3	5.5
SSE	1.3	1.3	.6									3.2	4.6
S	3.2	2.6	1.3	.6								7.7	4.6
SSW	.6	3.2	1.3	1.9								7.1	7.6
SW		1.3	2.6		.6							4.5	8.7
WSW		.6				.6						1.3	15.0
W	.6		.6	.6		.6						2.6	13.3
WNW		.6		.6								1.3	10.0
NW			2.6	1.3								3.9	10.0
NNW		3.2	3.9									7.1	6.9
VARBL													
CALM												4.5	
	13.5	40.6	30.3	9.0	.6	1.3						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES

STATION NAME

73-77

YEARS

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MONTH

ALL WEATHER

CLASS

20

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	6.5	4.5	1.3	.6								12.9	4.4
NNE	3.9	1.9	.6									6.5	3.9
NE	3.9	5.2										9.0	3.7
ENE	3.9	5.2	1.3									10.3	4.0
E	5.2	5.2	.6									11.0	3.9
ESE		1.3										1.3	4.0
SE	.6											.6	2.0
SSE	1.3		.6									1.9	4.7
S		1.9	1.3	1.3								4.5	8.1
SSW	.6	1.3	.6	.6								3.2	6.6
SW	1.3		.6	.6	.6							3.2	9.4
WSW				.6	.6	.6						1.3	19.0
W					.6							.6	18.0
WNW			.6	.6								1.3	9.5
NW		.6		1.3								1.9	9.7
NNW	1.9		.6									2.6	3.8
VARBL													
CALM												27.7	
	29.0	27.1	8.4	5.8	1.3	.6						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

OCT
MONTH

ALL WEATHER
CLASS

23
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.3	.6									2.6	4.5
NNE		1.3										1.3	4.5
NE	1.3											1.3	1.0
ENE	12.3	3.2	.6									16.1	2.8
E	15.5	11.0	1.3									27.7	3.3
ESE	2.6	.6										3.2	2.2
SE	.6	1.3										1.9	5.0
SSE		.6	.6									1.3	5.5
S	.6	.6		1.3								2.6	8.5
SSW			.6	.6	.6							1.9	14.3
SW			.6	.6	.6							1.3	13.0
WSW			1.3			.6						1.9	13.7
W													
WNW	.6											.6	2.0
NW	.6		.6	.6								1.9	9.3
NNW													
VARBL													
CALM												34.2	
	34.8	20.0	6.5	2.6	1.3	.6						100.0	2.9

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

UCT
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	2.5	1.0	.3								5.5	5.3
NNE	1.6	1.1	.2	.1								3.0	3.9
NE	2.6	2.1	.6									5.3	3.9
ENE	5.4	6.2	4.7	.8	.1							17.2	5.5
E	6.8	8.5	5.5	1.1								21.9	5.3
ESE	1.1	.6	.5									2.3	4.2
SE	.2	.5	.1									.8	4.8
SSE	.6	.5	.4									1.5	4.8
S	.6	1.3	.8	1.0	.2		.1					4.0	8.5
SSW	.2	1.5	2.1	1.1	.6	.1						5.6	9.5
SW	.2	.8	1.5	.3	.2							3.1	8.6
WSW	.4	.4	.5	.3	.1	.4	.2	.1				1.9	15.8
W	.3	.2	.2	.3	.2	.1						1.3	9.8
WNW	.2	.1	.3	.3	.1							1.0	9.4
NW	.1	.3	.4	.4	.1		.1					1.4	10.7
NNW	.3	.7	1.0	.3								2.3	7.4
VARBL													
CALM												22.1	
	21.8	27.4	19.8	6.5	1.5	.6	.3	.1				100.0	4.9

TOTAL NUMBER OF OBSERVATIONS

1240

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES

STATION NAME

73-77

YEARS

NOV
MONTH

ALL WEATHER
CLASS

02
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.7	.7									2.0	4.3
NNE	2.0	.7	.7									3.3	4.2
NE	6.0	4.0	3.3									13.3	4.5
ENE	8.0	13.3	6.0									27.3	4.8
E	5.3	12.0	3.3	.7								21.3	4.8
ESE	2.0	.7	.7									3.3	3.8
SE	1.3											1.3	2.0
SSE													
S			.7		.7							1.3	13.0
SSW													
SW			.7									.7	10.0
WSW													
W													
WNNW			.7		.7							1.3	13.5
NW							.7					.7	28.0
NNW													
VARBL													
CALM												24.0	
	25.3	31.3	16.7	.7	1.3		.7					100.0	3.9

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

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MONTH

ALL WEATHER
CLASS

05
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.7		.7								2.0	6.3
NNE	1.3	2.7	1.3									5.3	5.3
NE	4.7	4.0	2.7	.7								12.0	5.2
ENE	8.7	8.0	5.3	1.3								23.3	5.1
E	8.7	13.3	.7									22.7	4.0
ESE	1.3	1.3										2.7	3.3
SE		.7										.7	4.0
SSE	1.3				.7							2.0	7.0
S			.7									.7	10.0
SSW													
SW													
WSW													
W					.7							.7	17.0
WNW						.7						.7	24.0
NW					.7							.7	20.0
NNW		.7										.7	6.0
VARBL													
CALM												26.0	
	26.7	31.3	10.7	2.7	2.0	.7						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

NDV
MONTH

ALL WEATHER
CLASS

08
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	.7										2.7	2.5
NNE	2.7		1.3									4.0	4.7
NE	4.7	8.7	5.3	1.3								20.0	6.0
ENE	4.0	10.7	10.0	1.3	.7							26.7	6.6
E	2.0	10.0	6.0	.7								18.7	6.2
ESE		1.3										1.3	4.5
SE	.7											.7	3.0
SSE													
S			.7	.7								1.3	11.0
SSW			.7									.7	10.0
SW													
WSW			1.3									1.3	10.0
W													
WNW						.7						.7	24.0
NW													
NNW		.7										.7	4.0
VARB													
CALM												21.3	
	16.0	32.0	25.3	4.0	.7	.7						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

41231
STATION

CUBI POINT, PHILIPPINES

73-77

STATION NAME

YEARS

NOV
MONTH

ALL WEATHER
CLASS

11
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7											.7	1.0
NNE	.7	.7		.7								2.0	6.7
NE		2.7	6.7	8.0								17.3	10.7
ENE	.7	3.3	24.0	10.0								38.0	9.4
E		6.0	14.0	4.0								24.0	8.6
ESE	.7		1.3									2.0	7.3
SE		1.3										1.3	5.5
SSE			.7									.7	10.0
S			.7									.7	10.0
SSW			.7									.7	10.0
SW		.7										.7	6.0
WSW					.7							.7	18.0
W		2.7										2.7	4.8
WNW		.7				.7						1.3	14.5
NW	.7		1.3	.7								2.7	8.5
NNW			2.0									2.0	9.0
VARBL													
CALM												2.7	
	3.3	18.0	51.3	23.3	.7	.7						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

NOV
MONTH

ALL WEATHER
CLASS

14
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7		.7								1.3	9.0
NNE		.7	.7	1.3								2.7	9.5
NE	.7	1.3	6.7	2.0								10.7	9.1
ENE	.7	7.3	22.7	6.0								36.7	8.2
E	.7	3.3	16.0	4.0								24.0	8.7
ESE	.7	1.3	1.3	.7	.7							4.7	8.4
SE			.7									.7	10.0
SSE		1.3										1.3	5.0
S	.7	.7	1.3	.7	.7							4.0	9.3
SSW		2.0	4.0	.7								6.7	8.7
SW		1.3			.7							2.0	10.0
WSW			.7									.7	8.0
W				.7			.7					1.3	21.0
WNW													
NW				2.7								2.7	13.3
NNW				.7								.7	13.0
VARBL													
CALM												.0	
	3.3	20.0	54.0	20.0	2.0		.7					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

NOV
MONTH

ALL WEATHER
CLASS

17
HOURS (L & T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		3.3	2.7	.7								6.7	7.0
NNE	1.3	.7	2.0	.7								4.7	7.0
NE		2.0	5.3	2.0								9.3	8.1
ENE	2.0	13.3	8.0	2.0								25.3	6.6
E	2.0	9.3	6.7	1.3								19.3	6.4
ESE	.7	.7										1.3	4.0
SE	1.3	.7										2.0	3.3
SSE	1.3		.7									2.0	4.3
S	.7	3.3	.7									4.7	5.0
SSW		.7										.7	4.0
SW			.7									.7	10.0
WSW				.7			.7					1.3	23.5
W													
WNNW													
NW	.7	.7	2.0	2.0	.7							6.0	10.0
NNW	.7	2.7	9.3	.7								13.3	7.9
VARBL												2.7	
CALM													
	10.7	37.3	38.0	10.0	.7		.7					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES

73-77

STATION NAME

YEARS

NOV
MONTH

ALL WEATHER
CLASS

20
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.3										4.7	4.6
NNE	3.3	2.0	1.3	.7								7.3	5.6
NE	4.7	5.3	3.3	.7								14.0	5.5
ENE	7.3	10.7	6.0	1.3								25.3	5.5
E	10.0	9.3	3.3	.7								23.3	4.5
ESE		1.3										1.3	5.5
SE													
SSE													
S	.7		.7			.7						2.0	11.7
SSW													
SW				.7								.7	12.0
WSW													
W													
WNW				.7								.7	12.0
NW		.7	.7	.7								2.0	10.7
NNW		.7	1.3	1.3								3.3	10.8
VARBL													
CALM												15.3	
	27.3	33.3	16.7	6.0	.7	.7						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES

STATION NAME

73-77

YEARS

NOV

MONTH

23

23

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.7										1.3	3.5
NNE	1.3	1.3	.7	.7								4.0	5.8
NE	6.0	4.0	2.7	2.0								14.7	5.2
ENE	7.3	18.7	2.0	1.3								29.3	4.9
E	9.3	9.3	4.7	1.3								24.7	4.8
ESE		1.3	1.3									2.7	6.5
SE													
SSE													
S			.7	.7								1.3	11.0
SSW													
SW													
WSW				.7								.7	11.0
W													
WNW				.7								.7	15.0
NW					.7	.7						.7	22.0
NNW												.7	18.0
VARBL													
CALM												19.3	
	24.7	35.3	12.0	7.3	.7	.7						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 41231 CUBI POINT, PHILIPPINES STATION NAME 73-77 YEARS NOV MONTH ALL HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.2	.4	.2								2.7	5.3
NNE	1.6	1.1	1.0	.5								4.2	5.9
NE	3.3	4.0	4.5	2.1								13.9	6.8
ENE	4.8	10.7	10.5	2.9	.1							29.0	6.6
E	4.7	9.1	6.8	1.6								22.2	6.0
ESE	.7	1.0	.6	.1	.1							2.4	5.8
SE	.4	.3	.1									.8	4.2
SSE	.3	.2	.2		.1							.7	6.0
S	.2	.5	.7	.2	.2	.1						2.0	9.0
SSW		.3	.7	.1	.1							1.1	8.5
SW		.2	.2	.1	.1							.6	9.7
WSW			.2	.2	.1		.1					.6	14.9
W		.3		.1	.1		.1					.6	11.1
WNW		.1	.1	.2	.1	.2						.7	16.4
NW	.2	.2	.5	.7	.2	.1	.1					1.9	12.1
NNW	.1	.6	1.6	.3	.1							2.7	8.7
VARBL													
CALM												13.9	
	17.2	29.8	28.1	9.2	1.1	.4	.2					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 1200

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES

STATION NAME

73-77

YEARS

DEC

MONTH

02

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.9										1.9	5.0
NNE	1.3	4.5	1.3	.6								7.7	5.5
NE	2.6	5.2	3.2	2.6	.6							14.2	7.7
ENE	7.1	15.5	6.5	7.1								36.1	6.7
E	9.0	7.1	3.9									20.0	4.1
ESE	1.9											1.9	2.0
SE	.6											.6	3.0
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARB													
CALM												17.4	
	22.6	34.2	14.8	10.3	.6							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES

STATION NAME

73-77

YEARS

DEC

MONTH

ALL WEATHER

CLASS

05

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3										1.3	5.5
NNE	1.9	1.9	1.3	.6								5.8	5.7
NE	2.6	5.8	7.7	5.2								21.3	8.2
ENE	5.8	12.3	10.3	2.6								31.0	6.4
E	7.1	5.2	5.8	1.3								19.4	5.2
ESE	.6	1.3										1.9	4.0
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW	.6											.6	3.0
VARB													
CALM												18.7	
	18.7	27.7	25.2	9.7								100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

DEC
MONTH

ALL WEATHER
CLASS

08
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.6	.6									4.5	4.1
NNE	4.5	.6	1.3	.6								7.1	4.4
NE	2.6	7.1	4.5	6.5								20.6	8.0
ENE	5.8	11.0	11.6	7.7	.6							36.8	7.5
E	6.5	7.1	5.8	.6								20.0	5.2
ESE		1.3	.6									1.9	5.3
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW		.6										.6	4.0
VARBL													
CALM												8.4	
	20.6	30.3	24.5	15.5	.6							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

155

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

41231 STATION CUBI POINT, PHILIPPINES 73-77 YEARS MONTH DEC 11 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6											.6	3.0
NNE			.6									.6	8.0
NE		.6	11.0	12.9	1.9							26.5	11.6
ENE		3.2	23.9	17.4	1.3							45.8	10.4
E	.6	6.5	11.6	3.2								21.9	8.4
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW				.6								.6	15.0
W													
WNW													
NW													
NNW	1.3											1.3	2.5
VARBL													
CALM												2.6	
	2.6	10.3	47.1	34.2	3.2							100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

DEC
MONTH

ALL WEATHER
CLASS

14
HOURS (L.S.T.)

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE			1.3	1.3								2.6	10.3
NE		2.6	7.7	7.7								18.1	10.3
ENE	.6	3.2	27.7	12.3	.6							44.5	10.0
E	1.3	4.5	12.9	5.8	.6							25.2	8.8
ESE	.6	.6										1.3	3.5
SE		.6										.6	5.0
SSE													
S	.6	.6	.6									1.9	5.0
SSW			2.6									2.6	8.3
SW													
WSW		.6										.6	4.0
W													
WNW													
NW		.6										.6	4.0
NNW		1.3										1.3	5.0
VARBL													
CALM												.6	
	3.2	14.8	52.9	27.1	1.3							100.0	9.3

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

DEC
MONTH

ALL WEATHER
CLASS

17
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6	1.3									1.9	8.0
NNE			.6									.6	9.0
NE	.6	5.2	7.1	1.3								14.2	7.5
ENE	1.9	12.9	23.9	5.2								43.9	7.8
E	1.3	12.9	8.4	1.3								23.9	6.5
ESE	1.9											1.9	2.0
SE	.6											.6	3.0
SSE	1.3											1.3	2.5
S	.6	1.3										1.9	4.7
SSW	1.3	1.3										2.6	4.0
SW													
WSW													
W													
WNNW													
NW			.6									.6	10.0
NNW	1.3	.6	1.9	1.9								5.8	8.0
VARB													
CALM												.6	
	11.0	34.8	43.9	9.7								100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

155

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

STATION 41231 CUBI POINT, PHILIPPINES STATION NAME YEARS MONTH DEC 20 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6										.6	5.0
NNE	1.9	.6	3.9									6.5	6.2
NE		5.2	6.5	4.5								16.1	8.3
ENE	9.7	10.3	12.9	3.9								36.8	6.4
E	7.1	11.6	1.9	1.3	.6							22.6	5.4
ESE	.6	1.3										1.9	4.7
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW		1.3										1.3	5.5
VARBL													
CALM												14.2	
	19.4	31.0	25.2	9.7	.6							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

DEC
MONTH

ALL WEATHER
CLASS

23
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6										.6	4.0
NNE	.6	1.3	1.3									3.2	6.2
NE	1.9	1.9	4.5	4.5								12.9	8.6
ENE	7.1	13.5	9.7	3.9								34.2	6.3
E	12.3	11.0	5.2	.6								29.0	4.4
ESE	.6	.6										1.3	3.5
SE	.6	.6										1.3	3.5
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												17.4	
	23.2	29.7	20.6	9.0								100.0	4.8

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES

73-77

STATION NAME

YEARS

DEC
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.0	.2									1.5	5.1
NNE	1.3	1.1	1.5	.4								4.3	6.0
NE	1.3	4.2	6.5	5.6	.3							18.0	9.0
ENE	4.8	10.2	15.8	7.5	.3							38.6	7.9
E	5.6	8.2	6.9	1.8	.2							22.7	6.0
ESE	.8	.6	.1									1.5	3.6
SE	.2	.2										.4	3.6
SSE	.2											.2	2.5
S	.2	.2	.1									.5	4.8
SSW	.2	.2	.3									.6	6.1
SW													
WSW		.1		.1								.2	9.5
W													
WNW													
NW		.1	.1									.2	7.0
NNW	.4	.5	.2	.2								1.4	6.2
VARBL													
CALM												10.0	
	15.2	26.6	31.8	15.6	.8							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS

1240

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41231
STATION

CUBI POINT, PHILIPPINES

STATION NAME

73-77

YEARS

ALL
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.7	1.5	.4	.0							4.3	6.3
NNE	1.2	1.1	.4	.1								2.8	4.5
NE	1.9	2.5	2.3	1.4	.1	.0						8.2	6.9
ENE	4.2	6.4	7.1	3.0	.2	.0						20.8	6.9
E	6.4	7.5	5.4	1.9	.1	.0						21.4	5.8
ESE	.7	.8	.6	.2	.0							2.2	5.5
SE	.3	.2	.0	.0								.6	4.0
SSE	.3	.3	.2		.0							.9	4.9
S	.8	1.4	.8	.3	.1	.0	.0					3.5	6.4
SSW	.3	1.3	2.6	1.0	.2	.0	.0					5.5	8.6
SW	.3	1.2	2.7	1.5	.2	.1	.0					6.0	9.5
WSW	.2	.5	.8	.7	.1	.1	.0	.0				2.4	9.9
W	.3	.4	.3	.2	.0	.0	.0					1.3	7.3
WNW	.1	.2	.1	.1	.0	.0						.4	7.1
NW	.1	.3	.2	.1	.1	.0	.0					.8	8.3
NNW	.4	1.1	1.5	.6	.0							3.6	7.4
VARB													
CALM												15.5	
	18.2	26.9	26.6	11.4	1.0	.3	.1	.0				100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

14608

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 41231 CUBI POINT, PHILIPPINES STATION NAME 73-77 YEARS ALL MONTH ALL HOURS (L.S.T.)

INSTRUMENT CLASS
CIG 200 TO 1400 FT W/VSBY 1/2 MI UR MORE,
AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3	.9									2.1	6.6
NNE	.9	.4										1.3	2.7
NE													
ENE	.4	.9										1.3	4.7
E	.9	.4	.4	.4								2.1	6.0
ESE	.9	.9										1.7	4.0
SE	.9	.9										1.7	3.5
SSE	.9	.9	.9									1.7	7.0
S	.9	3.9	4.7	1.3	1.7		.4					12.9	9.8
SSW	1.3	1.7	2.6	4.7	1.7	1.3	.9					14.2	13.2
SW		1.7	5.2	4.3	2.6	4.7	1.7					20.2	16.6
WSW		3.0	3.4	5.2	1.7	1.3	.9	.4				15.9	14.1
W		1.7	.9	3.0	.4							6.0	10.4
WNW	.4		1.3	.9								2.6	8.0
NW		.4	.4	.4	2.1							3.4	15.4
NNW	1.3	1.7	1.3	.4								4.7	6.2
VARBL													
CALM												8.2	
	7.7	19.7	21.9	20.6	10.3	7.3	3.9	.4				100.0	11.0

TOTAL NUMBER OF OBSERVATIONS 233

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from 3-hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

VISIBILITY (STATUTE MILES)																
CEILING (FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING																
≥ 1800																
≥ 1500					91.0											92.6
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500										97.4						98.1
≥ 400																
≥ 300																
≥ 200																
≥ 100							96.9			98.3						100.0
0					95.4											

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
 For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
 Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
 Visibility ≥ 3 miles = 95.4%.
 Visibility ≥ 2 miles = 96.9%.
 Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

PART D

ADDITIONAL EXAMPLES

EXAMPLE # 4

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%. Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5

To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility > 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

PART D

SKY COVER

This summary is prepared from 3-hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.
2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

OKTAS

0
1
2
3
4
5
6
7
8 (or obscured)

TENTHS

0
1
3
4
5
6
8
9
10

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

02
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	74.8	74.8	74.8	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.6	74.8
≥ 20000	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
18000	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
16000	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
14000	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
12000	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
10000	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
9000	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
8000	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
7000	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
6000	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
5000	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
4500	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
4000	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
3500	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
3000	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2500	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2000	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1800	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1500	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1200	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1000	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

05
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 20000	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 18000	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 16000	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 14000	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 12000	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 10000	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 9000	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
8000	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
7000	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
6000	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
5000	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
4500	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
4000	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
3500	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
3000	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2500	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2000	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1800	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1500	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1200	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1000	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

08
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	70.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 20000	75.5	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 18000	75.5	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 16000	75.5	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 14000	75.5	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 12000	76.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 10000	78.1	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 9000	79.4	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 8000	89.7	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 7000	95.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 6000	95.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 5000	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 4500	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 4000	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

11
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	71.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 20000	78.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 18000	78.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 16000	78.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 14000	78.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 12000	78.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 10000	80.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 9000	80.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 8000	90.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 7000	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 6000	94.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 5000	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4500	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4000	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3500	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 3000	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

14
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	51.6	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 20000	60.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
18000	60.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
16000	60.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
14000	60.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
12000	60.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
10000	65.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
9000	65.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
8000	81.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
7000	87.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
6000	87.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
5000	90.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
4500	90.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
4000	92.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
3500	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
3000	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
2500	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
2000	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
1800	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
1500	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
1200	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
1000	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
900	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
800	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
700	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
600	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
500	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
400	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
300	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
200	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
100	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

JAN
MONTH

17
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	54.2	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 20000	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 18000	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 16000	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 14000	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 12000	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 10000	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 8000	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 6000	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 4000	87.1	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 2000	87.1	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1800	90.3	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1600	91.0	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1400	93.6	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1200	96.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

20
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 20000	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
18000	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
16000	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
14000	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
12000	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
10000	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
9000	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
8000	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
7000	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
6000	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
5000	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
4500	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
4000	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
3500	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

23
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 20000	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 18000	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 16000	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 14000	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 12000	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 10000	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 9000	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 8000	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 7000	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 6000	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 5000	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4500	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4000	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 3500	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 3000	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2500	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

155

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	67.3	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 20000	74.4	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 18000	74.4	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 16000	74.4	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 14000	74.4	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 12000	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 10000	77.2	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 9000	77.7	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 8000	88.9	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 7000	93.4	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 6000	93.9	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 5000	95.2	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 4500	95.3	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 4000	97.1	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 3500	98.1	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 3000	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2500	99.0	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2000	99.0	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	99.0	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	99.0	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	99.0	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	99.0	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	99.0	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	99.0	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	99.0	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	99.0	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	99.0	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	99.0	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	99.0	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	99.0	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	99.0	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0	99.0	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

1240

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

02
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 20000	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
18000	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
16000	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
14000	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
12000	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
10000	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
9000	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
8000	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
7000	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
6000	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
5000	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
4500	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
4000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
3500	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

141

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

05
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 20000	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 18000	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 16000	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 14000	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 12000	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
10000	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
9000	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
8000	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
7000	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
6000	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
5000	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
4500	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
4000	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

141

CEILING VERSUS VISIBILITY

NAVY WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

STA. POINT, PHILIPPINES

73-77

STATION NAME

YEARS

FEB

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

08

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 20000	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
18000	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
16000	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
14000	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
12000	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
10000	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
9000	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
8000	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
7000	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
6000	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

141

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

11
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 20000	65.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 18000	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 16000	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 14000	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 12000	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 10000	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 9000	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 8000	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 7000	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 6000	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 5000	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 4500	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

141

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

FEB
MONTH

14
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	63.1	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 20000	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 18000	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 16000	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 14000	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 12000	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 10000	79.4	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 9000	80.9	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
8000	87.2	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
7000	90.8	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
6000	92.2	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
5000	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
4500	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
4000	95.0	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
3500	96.5	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
3000	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2500	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2000	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1800	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1500	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1200	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1000	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 141

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

FEB
MONTH

17
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	61.0	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 20000	68.8	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 18000	68.8	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 16000	68.8	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 14000	68.8	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 12000	68.8	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 10000	70.9	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 9000	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 8000	79.4	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 7000	83.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 6000	85.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 5000	88.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 4500	88.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 4000	93.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 3500	96.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 3000	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 2500	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

141

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

FEB
MONTH

20

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 20000	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 18000	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 16000	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 14000	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 12000	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 10000	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 9000	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 8000	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 7000	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 6000	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 5000	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 4500	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 4000	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3500	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

141

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

23
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 20000	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 18000	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 16000	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 14000	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 12000	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 10000	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 9000	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 8000	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 7000	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 6000	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 5000	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 4500	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 4000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 141

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

41231
STATIONCUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

FEB
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	
NO CEILING	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 20000	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 18000	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 16000	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 14000	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 12000	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 10000	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 9000	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 8000	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 7000	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 6000	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 5000	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 4500	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 4000	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 3500	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 3000	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

1128

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

02
HOURS (LST)

CEILING (FEET)		VISIBILITY (STATUTE MILES)													
		≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 20000		92.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
AI 18000		92.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 16000		92.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
AI 14000		92.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 12000		92.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
AI 10000		93.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 9000		93.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
AI 8000		96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
AI 7000		96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
AI 6000		96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
AI 5000		97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
AI 4500		97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
AI 4000		98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 3500		98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 3000		98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 2500		98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 2000		98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 1800		98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 1500		98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 1200		98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 1000		98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 900		98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 800		98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 700		98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 600		98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 500		98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 400		98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 300		98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 200		98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 100		98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

MAR
MONTH

05
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 20000	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 18000	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 16000	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 14000	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 12000	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 10000	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 9000	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 8000	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 7000	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 6000	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 5000	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 4500	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 4000	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 3500	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 3000	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1600	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1400	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

08
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	86.5	87.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 20000	90.3	91.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 18000	90.3	91.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 16000	90.3	91.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 14000	90.3	91.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 12000	90.3	91.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 10000	91.0	92.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 9000	91.0	92.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 8000	92.9	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 7000	95.5	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 6000	95.5	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 5000	95.5	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4500	95.5	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4000	96.1	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3500	96.8	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 3000	97.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	97.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	97.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	97.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1600	97.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1400	97.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	97.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	97.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	97.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	97.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	97.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	97.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	97.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES

72-77

YEARS

MAR
MONTH

**PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

11
HOURS (LST)[illegible]

TOTAL NUMBER OF OBSERVATIONS

155

DIRNA VOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

MAR
MONTH

14
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	73.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 20000	83.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 18000	83.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 16000	83.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 14000	83.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 12000	83.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 10000	83.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 9000	84.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 8000	89.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 7000	91.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 6000	92.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 5000	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 4500	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 4000	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 3500	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 3000	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

1225 54181

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231 STATION CUBI POINT, PHILIPPINES 73-77 YEARS MAR MONTH 17 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 20000	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 18000	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 16000	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 14000	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 12000	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 10000	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 9000	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
8000	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
7000	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
6000	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
5000	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
4500	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
4000	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
3500	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
3000	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2500	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2000	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1800	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1500	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1200	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1000	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

20
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 20000	85.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 18000	85.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 16000	85.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 14000	85.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 12000	85.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 10000	85.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 9000	86.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
8000	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
7000	94.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
6000	94.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
5000	94.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
4500	94.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
4000	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
3500	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
3000	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
2500	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2000	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1800	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1500	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1200	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1000	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

AD-A060 539

NAVAL WEATHER SERVICE DETACHMENT /SHEVILLE N C
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS), CUBI PO--ETC(U)
JUL 78

F/G 4/2

UNCLASSIFIED

NL

3 OF 4

AD
A060539



CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

23
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 20000	85.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 18000	85.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 16000	85.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 14000	85.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 12000	85.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
10000	88.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
9000	89.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
8000	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
7000	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
6000	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
5000	94.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
4500	94.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
4000	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
3500	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
3000	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2500	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2000	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1800	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1500	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1200	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1000	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

MAR
MONTH

ALL
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	80.7	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 20000	88.2	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
18000	88.2	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
16000	88.2	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
14000	88.2	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
12000	88.2	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
10000	89.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 9000	89.5	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
8000	93.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
7000	95.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
6000	95.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
5000	96.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
4500	96.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
4000	97.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
3500	98.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
3000	98.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2500	98.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2000	98.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1800	98.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1500	98.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1200	98.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1000	98.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900	98.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800	98.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	98.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	98.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	98.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	98.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	98.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	98.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	98.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	98.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

1240

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

02
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 20000	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 18000	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 16000	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 14000	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 12000	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 10000	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 9000	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
8000	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
7000	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
6000	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
5000	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
4500	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
4000	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
3500	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CURI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

05
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 20000	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 18000	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 16000	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 14000	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 12000	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 10000	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 9000	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 8000	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 7000	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 6000	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 5000	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 4500	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 4000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

08
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 20000	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
18000	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
16000	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
14000	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
12000	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
10000	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
9000	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
8000	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
7000	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
6000	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
5000	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
4500	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
4000	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
3500	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
3000	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2500	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2000	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1800	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1500	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1200	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1000	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

APR
MONTH

11
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 20000	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
At 18000	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
At 16000	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
At 14000	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
At 12000	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
At 10000	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
At 9000	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
At 8000	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
At 7000	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
At 6000	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
At 5000	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
At 4500	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
At 4000	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
At 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
At 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
At 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
At 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
At 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
At 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
At 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
At 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
At 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
At 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
At 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
At 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
At 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
At 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
At 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
At 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
At 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
At 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

71-77

YEARS

APR
MONTH

14
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 20000	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 18000	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 16000	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 14000	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 12000	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 10000	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 9000	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 8000	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 7000	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 6000	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 5000	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 4500	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 4000	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 3500	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3000	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 2500	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 2000	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1800	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1500	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

17
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 20000	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 18000	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 16000	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 14000	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 12000	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 10000	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 9000	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 8000	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 7000	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 6000	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 5000	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 4500	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 4000	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 3500	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 3000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 2500	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 2000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1800	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1500	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231 STATION CUBI POINT, PHILIPPINES 73-77 YEARS APR MONTH 20 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 20000	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
AI 18000	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
AI 16000	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
AI 14000	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
AI 12000	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
AI 10000	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
AI 9000	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
AI 8000	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
AI 7000	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
AI 6000	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
AI 5000	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
AI 4500	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
AI 4000	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
AI 3500	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
AI 3000	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 2500	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 2000	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 1800	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 1500	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 1200	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 1000	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 900	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 800	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 700	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 600	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 500	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 400	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 300	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 200	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 100	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 150

CEILING VERSUS VISIBILITY

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

23
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 20000	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
AI 18000	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
AI 16000	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
AI 14000	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
AI 12000	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
AI 10000	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
AI 9000	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
AI 8000	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
AI 7000	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
AI 6000	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
AI 5000	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
AI 4500	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
AI 4000	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
AI 3500	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
AI 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (12-24)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 20000	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 18000	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 16000	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 14000	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 12000	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 10000	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 9000	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 8000	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 7000	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 6000	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 5000	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 4500	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 4000	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 3500	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 3000	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2500	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2000	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1800	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 1200

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

02
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 20000	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 18000	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 16000	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 14000	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 12000	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 10000	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 9000	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 8000	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 7000	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 6000	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 5000	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 4500	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 4000	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 3500	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 3000	91.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2500	92.3	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2000	92.3	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1800	92.3	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1500	92.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1200	92.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1000	92.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 900	92.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 800	92.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 700	92.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 600	92.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 500	92.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 400	92.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 300	92.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 200	92.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 100	92.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
0	92.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

41231
STATIONCURI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

MAY
MONTH05
HOURS (L.S.T.)PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	≥ 0
NO CEILING	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 20000	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 18000	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 16000	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 14000	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 12000	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 10000	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 9000	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 8000	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 7000	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 6000	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 5000	91.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 4500	91.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 4000	91.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 3500	92.3	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 3000	92.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2500	92.9	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2000	92.9	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1800	92.9	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1500	92.9	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1200	92.9	96.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	92.9	96.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	92.9	96.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	92.9	96.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	92.9	96.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	92.9	96.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	92.9	96.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400	92.9	96.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	92.9	96.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 200	92.9	96.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 100	92.9	96.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
0	92.9	96.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	≥ 0
NO CEILING	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 2000	78.7	79.4	79.4	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 1800	78.7	79.4	79.4	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 1600	78.7	79.4	79.4	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 1400	78.7	79.4	79.4	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 1200	79.4	80.0	80.0	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1000	81.9	82.6	82.6	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 900	81.9	82.6	82.6	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 800	88.4	89.0	89.0	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 700	89.7	90.3	90.3	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 600	90.3	91.0	91.0	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 500	90.3	91.0	91.0	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 450	90.3	91.0	91.0	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 400	91.0	91.6	91.6	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 350	91.0	91.6	91.6	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 300	91.6	92.3	92.3	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 250	92.3	92.9	93.0	94.2	94.8	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 200	92.3	93.6	94.2	94.8	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1800	92.3	93.6	94.2	94.8	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1500	93.6	94.8	95.5	96.1	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1200	93.6	94.8	95.5	96.1	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	93.6	94.8	95.5	96.1	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	93.6	94.8	95.5	96.1	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 800	93.6	94.8	95.5	96.1	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700	93.6	94.8	95.5	96.1	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 600	93.6	94.8	95.5	96.1	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	93.6	94.8	95.5	96.1	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400	93.6	94.8	95.5	96.1	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 300	93.6	94.8	95.5	96.1	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 200	93.6	94.8	95.5	96.1	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 100	93.6	94.8	95.5	96.1	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
0	93.6	94.8	95.5	96.1	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS 155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

MAY
MONTH

11
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0
NO CEILING	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 20000	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 18000	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 16000	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 14000	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 12000	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 10000	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 9000	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 8000	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 7000	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 6000	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 5000	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 4500	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 4000	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 3500	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 3000	91.0	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2500	91.0	92.3	92.9	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2000	92.3	93.6	94.2	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1800	92.3	93.6	94.2	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1500	94.2	95.5	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	94.2	95.5	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000	94.2	95.5	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 900	94.2	95.5	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	94.2	95.5	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 700	94.2	95.5	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600	94.2	95.5	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 500	94.2	95.5	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 400	94.2	95.5	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 300	94.2	95.5	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 200	94.2	95.5	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 100	94.2	95.5	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
0	94.2	95.5	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8

TOTAL NUMBER OF OBSERVATIONS 155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

14
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	54.8	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 20000	73.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
18000	73.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
16000	73.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
14000	73.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
12000	74.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
10000	74.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
9000	76.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
8000	81.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
7000	82.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
6000	83.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
5000	85.8	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
4500	85.8	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
4000	86.5	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
3500	87.1	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
3000	87.7	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
2500	88.4	92.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
2000	89.0	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
1800	89.0	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
1500	89.0	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
1200	89.0	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
1000	89.0	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
900	89.0	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
800	89.0	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
700	89.0	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
600	89.0	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
500	89.0	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
400	89.0	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
300	89.0	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
200	89.0	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
100	89.0	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
0	89.0	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

17
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ 0
NO CEILING	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 20000	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 18000	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 16000	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 14000	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 12000	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 10000	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 9000	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 8000	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 7000	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 6000	85.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 5000	85.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 4500	85.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 4000	86.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 3500	88.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 3000	89.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2500	89.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2000	89.7	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1800	89.7	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1500	89.7	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1200	89.7	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1000	89.7	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 900	89.7	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 800	89.7	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 700	89.7	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 600	89.7	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 500	89.7	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 400	89.7	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 300	89.7	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 200	89.7	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 100	89.7	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 0	89.7	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

20
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 20000	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 18000	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 16000	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 14000	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 12000	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 10000	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 9000	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 8000	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 7000	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 6000	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 5000	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4500	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4000	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 3500	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 3000	89.7	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2500	90.3	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2000	90.3	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1800	90.3	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1500	90.3	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1200	90.3	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1000	90.3	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 900	91.0	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 800	91.0	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 700	91.0	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 600	91.0	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 500	91.0	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 400	91.0	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 300	91.0	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 200	91.0	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 100	91.0	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
0	91.0	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

23
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 20000	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 18000	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 16000	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 14000	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 12000	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 10000	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 9000	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 8000	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 7000	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 6000	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 5000	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4500	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4000	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 3500	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 3000	89.0	91.6	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2500	89.0	92.9	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2000	89.0	93.6	93.6	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1800	89.0	93.6	93.6	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1500	89.0	93.6	93.6	94.2	95.5	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1200	89.0	93.6	93.6	94.2	95.5	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1000	89.0	93.6	93.6	94.2	95.5	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1
≥ 900	89.7	94.8	94.8	95.5	96.8	96.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	89.7	94.8	94.8	95.5	97.4	98.1	98.1	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	89.7	94.8	94.8	95.5	97.4	98.1	98.1	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	89.7	94.8	94.8	95.5	97.4	98.1	98.1	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	89.7	94.8	94.8	95.5	97.4	98.1	98.1	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	89.7	94.8	94.8	95.5	97.4	98.1	98.1	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	89.7	94.8	94.8	95.5	97.4	98.1	98.1	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	89.7	94.8	94.8	95.5	97.4	98.1	98.1	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	89.7	94.8	94.8	95.5	97.4	98.1	98.1	99.4	99.4	99.4	99.4	99.4	99.4
0	89.7	94.8	94.8	95.5	97.4	98.1	98.1	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (157)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	58.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	
≥ 20000	73.6	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	
18000	73.6	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	
16000	73.6	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	
14000	73.6	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	
12000	73.9	74.5	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	
10000	76.0	76.6	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	
9000	76.3	76.9	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	
8000	83.4	84.0	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	
7000	85.4	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	
6000	86.1	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	
5000	87.4	88.3	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	
4500	87.4	88.3	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	
4000	88.1	89.2	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	
3500	88.7	89.8	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	
3000	90.3	92.3	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	
2500	90.7	93.4	93.9	94.0	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	
2000	91.0	94.2	94.7	94.8	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	
1800	91.0	94.2	94.7	94.8	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	
1500	91.4	94.8	95.2	95.4	95.8	95.8	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	
1200	91.4	94.8	95.2	95.5	95.9	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	
1000	91.4	94.8	95.2	95.5	95.9	96.1	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	
900	91.5	95.0	95.5	95.8	96.4	96.7	97.3	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	
800	91.5	95.0	95.5	95.8	96.6	97.2	97.9	98.2	98.2	98.3	98.6	98.6	99.0	99.0	99.1	
700	91.5	95.0	95.5	95.8	96.6	97.2	97.9	98.2	98.2	98.3	98.6	98.6	99.0	99.0	99.1	
600	91.5	95.0	95.5	95.8	96.6	97.2	97.9	98.2	98.2	98.4	98.6	98.7	99.3	99.3	99.4	
500	91.5	95.0	95.5	95.8	96.6	97.2	97.9	98.2	98.2	98.5	98.7	98.8	99.5	99.5	99.7	
400	91.5	95.0	95.5	95.8	96.6	97.2	97.9	98.2	98.2	98.5	98.7	98.8	99.5	99.5	99.7	
300	91.5	95.0	95.5	95.8	96.6	97.2	97.9	98.2	98.2	98.5	98.7	98.8	99.5	99.5	99.7	
200	91.5	95.0	95.5	95.8	96.6	97.2	97.9	98.2	98.2	98.5	98.7	98.8	99.5	99.5	99.8	
100	91.5	95.0	95.5	95.8	96.6	97.2	97.9	98.2	98.2	98.5	98.7	98.8	99.5	99.5	99.8	
0	91.5	95.0	95.5	95.8	96.6	97.2	97.9	98.2	98.2	98.5	98.7	98.8	99.5	99.5	99.8	

TOTAL NUMBER OF OBSERVATIONS

1240

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

02
HOURS (L & T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 20000	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
AI 18000	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
AI 14000	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
AI 14000	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
AI 12000	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
AI 10000	61.3	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
AI 9000	63.3	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
AI 8000	70.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
AI 7000	77.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
AI 6000	77.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
AI 5000	80.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
AI 4500	80.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
AI 4000	85.3	86.7	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
AI 3500	86.0	87.3	87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
AI 3000	88.7	91.3	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
AI 2500	90.0	94.0	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
AI 2000	90.7	96.0	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
AI 1800	90.7	96.0	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
AI 1500	91.3	96.7	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
AI 1200	91.3	96.7	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
AI 1000	91.3	97.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI 900	91.3	97.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI 800	91.3	97.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI 700	91.3	97.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI 600	91.3	97.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI 500	91.3	97.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI 400	91.3	97.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI 300	91.3	97.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI 200	91.3	97.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI 100	91.3	97.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0	91.3	97.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

05
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	52.7	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 20000	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
AI 18000	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
AI 16000	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
AI 14000	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
AI 12000	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
AI 10000	69.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
AI 9000	70.0	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
AI 8000	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
AI 7000	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
AI 6000	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
AI 5000	83.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
AI 4500	83.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
AI 4000	87.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
AI 3500	88.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
AI 3000	89.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
AI 2500	90.7	96.0	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
AI 2000	91.3	96.7	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
AI 1800	91.3	96.7	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
AI 1500	91.3	97.3	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
AI 1200	91.3	98.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI 1000	91.3	98.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI 900	91.3	98.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI 800	91.3	98.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI 700	91.3	98.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI 600	91.3	98.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI 500	91.3	98.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI 400	91.3	98.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI 300	91.3	98.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI 200	91.3	98.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI 100	91.3	98.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI 0	91.3	98.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES

73-77

STATION NAME

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

08
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	51.3	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 20000	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 18000	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 16000	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 14000	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 12000	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 10000	68.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 9000	69.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 8000	80.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 7000	86.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 6000	86.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 5000	87.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 4500	87.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 4000	90.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3500	90.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3000	91.3	94.7	94.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2500	93.3	97.3	97.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2000	93.3	97.3	97.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1800	94.0	98.7	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1500	94.0	98.7	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	94.0	98.7	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	94.0	98.7	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	94.0	98.7	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	94.0	98.7	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	94.0	98.7	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	94.0	98.7	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	94.0	98.7	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	94.0	98.7	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	94.0	98.7	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	94.0	98.7	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	94.0	98.7	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 0	94.0	98.7	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

11
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	≥ 0
NO CEILING	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 20000	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 18000	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 16000	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 14000	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 12000	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 10000	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 9000	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 8000	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 7000	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 6000	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 5000	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 4500	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 4000	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 3500	84.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 3000	87.3	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 2500	90.7	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2000	92.0	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1800	92.0	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1500	92.0	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1200	92.0	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1000	92.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 900	92.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 800	92.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 700	92.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 600	92.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 500	92.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 400	92.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 300	92.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 200	92.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 100	92.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 0	92.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

41231
STATIONCUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

JUN
MONTH14
HOURS (L.S.T.)PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 20000	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 18000	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 16000	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 14000	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 12000	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 10000	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 9000	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 8000	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 7000	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 6000	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 5000	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 4500	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 4000	82.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 3500	82.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 3000	84.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 2500	88.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	94.0
≥ 2000	90.0	94.0	94.0	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	96.0
≥ 1800	90.0	94.0	94.0	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	96.0
≥ 1500	90.0	94.7	94.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	96.7
≥ 1200	90.0	94.7	94.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	96.7
≥ 1000	90.0	94.7	94.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	96.7
≥ 900	90.0	94.7	94.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	96.7
≥ 800	90.0	94.7	95.3	95.3	96.0	96.0	96.0	96.7	96.7	96.7	96.7	96.7	96.7	98.0
≥ 700	90.0	94.7	95.3	95.3	96.0	96.0	96.0	96.7	96.7	96.7	96.7	96.7	96.7	98.0
≥ 600	90.0	94.7	95.3	95.3	96.0	96.0	96.0	97.3	97.3	97.3	97.3	97.3	97.3	98.7
≥ 500	90.0	94.7	95.3	95.3	96.0	96.0	96.0	97.3	97.3	98.0	98.0	98.7	98.7	100.0
≥ 400	90.0	94.7	95.3	95.3	96.0	96.0	96.0	97.3	97.3	98.0	98.0	98.7	98.7	100.0
≥ 300	90.0	94.7	95.3	95.3	96.0	96.0	96.0	97.3	97.3	98.0	98.0	98.7	98.7	100.0
≥ 200	90.0	94.7	95.3	95.3	96.0	96.0	96.0	97.3	97.3	98.0	98.0	98.7	98.7	100.0
≥ 100	90.0	94.7	95.3	95.3	96.0	96.0	96.0	97.3	97.3	98.0	98.0	98.7	98.7	100.0
0	90.0	94.7	95.3	95.3	96.0	96.0	96.0	97.3	97.3	98.0	98.0	98.7	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

17
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0
NO CEILING	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
≥ 20000	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
18000	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
16000	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
14000	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
12000	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
10000	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
9000	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
8000	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
7000	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
6000	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
5000	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
4500	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
4000	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
3500	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
3000	87.3	90.0	90.0	91.3	91.3	91.3	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0
2500	88.0	92.0	92.7	94.0	94.0	94.0	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7
2000	90.0	96.0	96.7	98.0	98.0	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7
1800	90.0	96.0	96.7	98.0	98.0	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7
1500	90.0	96.0	96.7	98.0	98.0	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7
1200	90.0	96.0	96.7	98.0	98.0	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7
1000	90.0	96.0	96.7	98.0	98.0	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7
900	90.0	96.0	96.7	98.0	98.0	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7
800	90.0	96.0	96.7	98.0	98.7	98.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0
700	90.0	96.0	96.7	98.0	98.7	98.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0
600	90.0	96.0	96.7	98.0	98.7	98.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0
500	90.0	96.0	96.7	98.0	98.7	98.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0
400	90.0	96.0	96.7	98.0	98.7	98.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0
300	90.0	96.0	96.7	98.0	98.7	98.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0
200	90.0	96.0	96.7	98.0	98.7	98.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0
100	90.0	96.0	96.7	98.0	98.7	98.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0
0	90.0	96.0	96.7	98.0	98.7	98.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

61231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

20
HOURS IN A DAY

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
≥ 20000	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 18000	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 16000	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 14000	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 12000	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 10000	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 9000	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 8000	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 7000	74.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 6000	75.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 5000	76.0	76.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 4500	76.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 4000	77.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 3500	79.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 3000	84.0	86.7	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 2500	86.7	89.3	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2000	89.3	94.7	95.3	96.0	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1800	89.3	94.7	95.3	96.0	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1500	89.3	95.3	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1200	89.3	95.3	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1000	89.3	95.3	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 900	89.3	95.3	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 800	89.3	95.3	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 700	89.3	95.3	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 600	89.3	95.3	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 500	89.3	95.3	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 400	89.3	95.3	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 300	89.3	95.3	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 200	89.3	95.3	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 100	89.3	95.3	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
0	89.3	95.3	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

23
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 20000	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 18000	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 16000	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 14000	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 12000	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 10000	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 9000	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 8000	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 7000	73.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 6000	74.0	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 5000	78.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 4500	78.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 4000	82.0	84.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 3500	84.0	86.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 3000	86.0	89.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 2500	87.3	90.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 2000	90.0	94.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1800	90.0	94.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1500	90.0	95.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1200	90.0	95.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1000	90.7	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	90.7	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	90.7	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	90.7	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	90.7	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	90.7	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	90.7	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	90.7	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	90.7	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	90.7	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0	90.7	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	41.1	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 20000	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 18000	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 16000	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 14000	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 12000	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 10000	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 9000	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 8000	73.9	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 7000	79.3	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 6000	79.8	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 5000	81.7	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 4500	81.7	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 4000	84.2	85.8	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 3500	84.9	86.8	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 3000	87.2	90.0	90.3	90.6	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 2500	89.2	92.7	93.0	93.4	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2000	90.8	95.4	95.9	96.4	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1800	90.8	95.4	95.9	96.4	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1500	91.0	96.0	96.6	97.1	97.4	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1200	91.0	96.1	96.7	97.3	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1000	91.2	96.4	97.1	97.7	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900	91.2	96.4	97.1	97.7	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	91.2	96.4	97.3	97.8	98.3	98.4	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	91.2	96.4	97.3	97.8	98.3	98.4	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	91.2	96.4	97.3	97.8	98.3	98.4	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	91.2	96.4	97.3	97.8	98.3	98.4	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	91.2	96.4	97.3	97.8	98.3	98.4	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300	91.2	96.4	97.3	97.8	98.3	98.4	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 200	91.2	96.4	97.3	97.8	98.3	98.4	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 100	91.2	96.4	97.3	97.8	98.3	98.4	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
0	91.2	96.4	97.3	97.8	98.3	98.4	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1

1200

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

02
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
≥ 20000	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 18000	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 16000	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 14000	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 12000	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 10000	56.7	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 9000	56.7	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 8000	69.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 7000	73.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 6000	74.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 5000	77.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4500	77.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4000	80.7	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3500	81.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3000	84.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2500	85.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2000	86.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1800	86.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1500	86.5	96.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	86.5	96.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	86.5	96.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	86.5	96.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	86.5	96.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	86.5	96.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	86.5	96.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	86.5	96.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	86.5	96.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	86.5	96.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	86.5	96.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	86.5	96.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0	86.5	96.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

41231
STATIONCUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

JUL
MONTH05
HOURS (L.S.T.)PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 20000	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 18000	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 16000	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 14000	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 12000	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 10000	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 9000	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 8000	69.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 7000	78.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 6000	78.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 5000	78.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4500	78.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4000	81.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3500	81.9	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 3000	83.9	91.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2500	85.8	94.8	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2000	86.5	98.1	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	86.5	98.1	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	86.5	98.1	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	86.5	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	86.5	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	86.5	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	86.5	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	86.5	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	86.5	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	86.5	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	86.5	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	86.5	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	86.5	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	86.5	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	86.5	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

08
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 20000	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 18000	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 16000	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 14000	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 12000	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 10000	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 9000	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 8000	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 7000	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 6000	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 5000	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 4500	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 4000	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3500	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3000	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2500	94.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2000	94.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	98.1	98.1	98.1	98.1
≥ 1800	94.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	98.1	98.1	98.1	98.1
≥ 1500	94.2	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	94.2	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	94.2	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	94.2	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	94.2	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	94.2	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	94.2	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	94.2	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400	94.2	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	94.2	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 200	94.2	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 100	94.2	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
0	94.2	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

41231
STATIONCUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

JUL
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)
HOURS (L.S.T.)
11

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0	
NO CEILING	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 20000	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 18000	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 16000	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 14000	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 12000	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 10000	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 9000	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 8000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 7000	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 6000	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 5000	82.6	83.2	83.2	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4500	82.6	83.2	83.2	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4000	83.9	84.5	84.5	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 3500	85.2	87.1	87.1	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 3000	86.5	88.4	88.4	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2500	89.0	92.3	93.6	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2000	89.0	92.9	94.8	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1800	89.0	92.9	94.8	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1500	89.0	94.2	96.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	89.0	94.2	96.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	89.0	94.2	96.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	89.0	94.2	96.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	89.0	94.2	96.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	89.0	94.2	96.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	89.0	94.2	96.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	89.0	94.2	96.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400	89.0	94.2	96.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	89.0	94.2	96.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 200	89.0	94.2	96.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 100	89.0	94.2	96.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
0	89.0	94.2	96.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

JUL
MONTH

14

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 20000	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 18000	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 16000	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 14000	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 12000	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 10000	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 9000	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 8000	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 7000	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 6000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 5000	78.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 4500	78.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 4000	78.1	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 3500	80.0	81.9	82.6	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3000	82.6	84.5	85.2	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2500	86.5	89.7	91.6	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2000	89.0	93.6	96.1	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1800	89.0	93.6	96.1	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1500	89.0	94.2	96.8	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	89.0	94.2	96.8	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	89.0	94.2	96.8	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	89.0	94.2	96.8	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	89.0	94.2	96.8	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	89.0	94.2	96.8	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	89.0	94.2	96.8	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	89.0	94.2	96.8	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	89.0	94.2	96.8	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	89.0	94.2	96.8	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	89.0	94.2	96.8	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	89.0	94.2	96.8	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0	89.0	94.2	96.8	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

17
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½
NO CEILING	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥ 20000	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 18000	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 16000	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 14000	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 12000	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 10000	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 9000	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 8000	65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 7000	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 6000	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 5000	77.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 4500	77.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 4000	79.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 3500	79.4	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 3000	82.6	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.8	85.8	85.8
≥ 2500	87.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.9	92.9	92.9
≥ 2000	88.4	92.9	92.9	92.9	94.2	94.2	94.2	94.2	95.5	95.5	95.5
≥ 1800	88.4	92.9	92.9	92.9	94.2	94.2	94.2	94.2	95.5	95.5	95.5
≥ 1500	88.4	93.6	93.6	93.6	96.1	96.1	96.1	96.1	97.4	97.4	97.4
≥ 1200	88.4	93.6	93.6	93.6	96.1	96.1	96.1	96.1	97.4	97.4	97.4
≥ 1000	88.4	93.6	93.6	93.6	96.1	96.1	96.1	96.1	97.4	97.4	97.4
≥ 900	88.4	93.6	93.6	93.6	96.1	96.1	96.1	96.1	97.4	97.4	97.4
≥ 800	88.4	93.6	93.6	93.6	96.1	96.1	96.1	96.1	97.4	97.4	97.4
≥ 700	88.4	93.6	93.6	93.6	96.1	96.1	96.1	96.1	97.4	97.4	97.4
≥ 600	88.4	93.6	93.6	93.6	96.1	96.1	96.1	96.1	97.4	97.4	97.4
≥ 500	88.4	93.6	93.6	93.6	96.1	96.1	96.1	96.1	97.4	97.4	97.4
≥ 400	88.4	93.6	93.6	93.6	96.1	96.1	96.1	96.1	97.4	97.4	97.4
≥ 300	88.4	93.6	93.6	93.6	96.1	96.1	96.1	96.1	97.4	97.4	97.4
≥ 200	88.4	93.6	93.6	93.6	96.1	96.1	96.1	96.1	97.4	97.4	97.4
≥ 100	88.4	93.6	93.6	93.6	96.1	96.1	96.1	96.1	97.4	97.4	97.4
0	88.4	93.6	93.6	93.6	96.1	96.1	96.1	96.1	97.4	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

TEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

20
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 20000	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 18000	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 16000	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 14000	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 12000	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 10000	45.2	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 9000	46.5	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 8000	61.3	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 7000	69.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 6000	70.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 5000	72.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 4500	72.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 4000	74.2	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 3500	74.8	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 3000	78.7	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2500	80.7	92.3	92.3	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2000	81.3	94.8	96.1	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1800	81.3	94.8	96.1	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1500	81.3	95.5	97.4	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	81.3	95.5	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	81.3	95.5	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	81.3	95.5	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	81.3	95.5	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	81.3	95.5	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	81.3	95.5	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	81.3	95.5	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	81.3	95.5	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	81.3	95.5	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	81.3	95.5	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	81.3	95.5	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0	81.3	95.5	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

23
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
≥ 20000	54.2	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
AI 18000	54.2	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
AI 16000	54.2	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
AI 14000	54.2	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
AI 12000	54.2	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
AI 10000	56.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
AI 9000	56.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
AI 8000	66.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
AI 7000	74.8	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
AI 6000	75.5	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
AI 5000	78.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
AI 4500	78.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
AI 4000	80.0	86.5	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
AI 3500	80.0	86.5	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
AI 3000	84.5	92.3	92.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
AI 2500	85.8	95.5	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	98.1	98.1	98.1	98.1
AI 2000	85.8	96.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.7	98.7	98.7	98.7
AI 1800	85.8	96.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.7	98.7	98.7	98.7
AI 1500	85.8	96.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.7	98.7	98.7	98.7
AI 1200	85.8	96.8	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4
AI 1000	85.8	96.8	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4
AI 900	85.8	96.8	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4
AI 800	85.8	96.8	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0
AI 700	85.8	96.8	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0
AI 600	85.8	96.8	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0
AI 500	85.8	96.8	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0
AI 400	85.8	96.8	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0
AI 300	85.8	96.8	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0
AI 200	85.8	96.8	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0
AI 100	85.8	96.8	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0
AI 0	85.8	96.8	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2
≥ 20000	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 18000	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 16000	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 14000	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 12000	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 10000	58.9	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 9000	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 8000	69.5	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 7000	75.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 6000	76.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 5000	79.0	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 4500	79.0	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 4000	81.0	83.5	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 3500	81.6	84.5	84.6	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 3000	84.5	89.0	89.3	89.5	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8
≥ 2500	86.9	93.3	94.0	94.3	94.5	94.5	94.5	94.5	94.5	94.6	94.7	94.7	94.7	94.7
≥ 2000	87.6	95.2	96.1	96.7	97.1	97.1	97.1	97.1	97.1	97.3	97.4	97.4	97.4	97.4
≥ 1800	87.6	95.2	96.1	96.7	97.1	97.1	97.1	97.1	97.1	97.3	97.4	97.4	97.4	97.4
≥ 1500	87.6	95.7	97.0	97.7	98.3	98.3	98.3	98.5	98.6	98.8	98.9	98.9	98.9	98.9
≥ 1200	87.6	95.9	97.2	98.0	98.6	98.6	98.6	98.8	99.0	99.2	99.3	99.4	99.4	99.4
≥ 1000	87.6	95.9	97.2	98.0	98.6	98.6	98.6	98.8	99.0	99.4	99.5	99.6	99.7	99.7
≥ 900	87.6	95.9	97.2	98.1	98.6	98.6	98.6	98.8	99.0	99.4	99.5	99.6	99.7	99.7
≥ 800	87.6	95.9	97.2	98.1	98.7	98.7	98.7	98.8	99.1	99.5	99.7	99.8	99.8	99.8
≥ 700	87.6	95.9	97.2	98.1	98.7	98.7	98.7	98.8	99.1	99.5	99.7	99.8	99.8	99.8
≥ 600	87.6	95.9	97.2	98.1	98.7	98.7	98.7	98.8	99.1	99.5	99.7	99.8	99.8	99.8
≥ 500	87.6	95.9	97.2	98.1	98.7	98.7	98.7	98.8	99.2	99.6	99.8	99.8	99.9	99.9
≥ 400	87.6	95.9	97.2	98.1	98.7	98.7	98.7	98.8	99.2	99.6	99.8	99.8	99.9	99.9
≥ 300	87.6	95.9	97.2	98.1	98.7	98.7	98.7	98.8	99.2	99.6	99.8	99.8	99.9	99.9
≥ 200	87.6	95.9	97.2	98.1	98.7	98.7	98.7	98.8	99.2	99.6	99.8	99.8	99.9	99.9
≥ 100	87.6	95.9	97.2	98.1	98.7	98.7	98.7	98.8	99.2	99.6	99.8	99.8	99.9	99.9
0	87.6	95.9	97.2	98.1	98.7	98.7	98.7	98.8	99.2	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

1240

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

02
HOURS (L & T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	18.1	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 20000	32.3	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥ 18000	32.3	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥ 16000	32.3	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥ 14000	32.3	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥ 12000	32.9	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 10000	37.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 9000	38.1	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 8000	47.1	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 7000	53.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 6000	56.1	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 5000	60.7	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 4500	60.7	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 4000	61.9	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 3500	62.6	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 3000	67.1	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 2500	72.9	81.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 2000	74.8	91.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1800	74.8	91.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1500	75.5	93.6	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	75.5	93.6	98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	75.5	93.6	98.1	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	75.5	93.6	98.1	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	75.5	93.6	98.1	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	75.5	93.6	98.1	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	75.5	93.6	98.1	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	75.5	94.2	98.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	75.5	94.2	98.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	75.5	94.2	98.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	75.5	94.2	98.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	75.5	94.2	98.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	75.5	94.2	98.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

155

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

05
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	23.9	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
≥ 20000	41.3	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 18000	41.3	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 16000	41.3	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 14000	41.3	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 12000	41.3	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 10000	43.9	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 9000	44.5	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 8000	49.7	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 7000	57.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 6000	58.1	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 5000	60.0	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 4500	60.7	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 4000	63.2	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 3500	63.2	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 3000	65.8	72.9	74.2	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 2500	69.0	78.7	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 2000	71.6	85.8	88.4	88.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1800	71.6	85.8	88.4	88.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1500	72.9	88.4	94.2	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1200	72.9	88.4	94.2	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	72.9	88.4	94.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	72.9	88.4	94.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	72.9	88.4	94.8	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	72.9	88.4	94.8	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	72.9	88.4	94.8	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	72.9	88.4	94.8	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	72.9	88.4	94.8	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	72.9	88.4	94.8	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	72.9	88.4	94.8	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	72.9	88.4	94.8	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0	72.9	88.4	94.8	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

08
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	
≥ 20000	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	25.8
≥ 18000	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 16000	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 14000	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 12000	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 10000	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 9000	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 8000	52.3	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 7000	63.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 6000	63.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 5000	63.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 4500	63.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 4000	63.9	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 3500	64.5	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 3000	67.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 2500	72.3	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2000	76.1	85.8	87.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1800	76.1	85.8	87.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1500	76.8	87.7	90.3	92.9	93.6	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1200	76.8	87.7	90.3	92.9	93.6	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1000	76.8	87.7	90.3	92.9	94.2	95.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	76.8	87.7	90.3	92.9	94.2	95.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 800	76.8	87.7	90.3	92.9	94.2	95.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700	76.8	87.7	90.3	92.9	94.2	95.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 600	76.8	87.7	90.3	92.9	94.2	95.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	76.8	87.7	90.3	92.9	94.2	95.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400	76.8	87.7	90.3	92.9	94.2	95.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 300	76.8	87.7	90.3	92.9	94.2	95.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 200	76.8	87.7	90.3	92.9	94.2	95.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 100	76.8	87.7	90.3	92.9	94.2	95.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 0	76.8	87.7	90.3	92.9	94.2	95.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS 155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

11
HOURS (L S Y)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
≥ 20000	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 18000	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 16000	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 14000	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 12000	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 10000	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 9000	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 8000	47.7	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 7000	53.6	54.2	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 6000	54.8	55.5	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 5000	55.5	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 4500	55.5	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 4000	56.1	57.4	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 3500	56.8	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 3000	62.6	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 2500	69.7	74.8	75.5	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 2000	72.9	85.8	87.1	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1800	73.6	86.5	87.7	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1500	74.2	87.7	89.0	90.3	91.0	91.6	91.6	91.6	91.6	92.3	92.3	92.3	92.3	92.3
≥ 1200	74.8	88.4	90.3	91.6	92.3	92.9	92.9	92.9	92.9	93.6	93.6	93.6	94.2	94.2
≥ 1000	74.8	88.4	90.3	91.6	92.9	93.6	93.6	93.6	93.6	94.8	94.8	94.8	95.5	95.5
≥ 900	74.8	88.4	90.3	91.6	92.9	93.6	93.6	93.6	93.6	94.8	94.8	94.8	95.5	95.5
≥ 800	74.8	88.4	90.3	92.3	94.8	95.5	95.5	95.5	95.5	96.8	97.4	97.4	99.4	99.4
≥ 700	74.8	88.4	90.3	92.3	94.8	95.5	95.5	95.5	95.5	96.8	97.4	97.4	99.4	99.4
≥ 600	74.8	88.4	90.3	92.3	94.8	95.5	95.5	95.5	95.5	96.8	97.4	97.4	99.4	99.4
≥ 500	74.8	88.4	90.3	92.3	94.8	95.5	95.5	95.5	95.5	96.8	97.4	97.4	99.4	99.4
≥ 400	74.8	88.4	90.3	92.3	94.8	95.5	95.5	95.5	95.5	96.8	97.4	97.4	99.4	99.4
≥ 300	74.8	88.4	90.3	92.3	94.8	95.5	95.5	95.5	95.5	96.8	97.4	97.4	99.4	99.4
≥ 200	74.8	88.4	90.3	92.3	94.8	95.5	95.5	95.5	95.5	96.8	97.4	97.4	99.4	99.4
≥ 100	74.8	88.4	90.3	92.3	94.8	95.5	95.5	95.5	95.5	96.8	97.4	97.4	99.4	99.4
≥ 0	74.8	88.4	90.3	92.3	94.8	95.5	95.5	95.5	95.5	96.8	97.4	97.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CURI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

14
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 20000	33.6	33.6	33.6	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥ 18000	33.6	33.6	33.6	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥ 16000	34.2	34.2	34.2	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 14000	34.2	34.2	34.2	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 12000	34.2	34.2	34.2	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 10000	38.7	39.4	39.4	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 9000	40.7	41.3	41.3	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 8000	47.1	48.4	48.4	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 7000	51.6	53.6	53.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 6000	52.9	54.8	54.8	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 5000	54.2	58.1	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 4500	54.2	58.1	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 4000	54.8	58.7	58.7	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 3500	56.8	61.3	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 3000	57.4	63.2	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 2500	65.8	72.9	74.8	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 2000	69.0	80.7	84.5	87.1	89.0	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1800	69.0	80.7	84.5	87.1	89.0	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1500	69.7	81.9	86.5	89.7	92.3	92.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1200	69.7	81.9	87.7	91.0	93.6	93.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1000	69.7	81.9	87.7	91.5	94.2	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 900	69.7	81.9	87.7	91.6	94.2	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 800	69.7	81.9	87.7	91.6	94.2	94.2	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	69.7	81.9	87.7	91.6	94.2	94.2	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	69.7	81.9	87.7	91.6	94.2	94.2	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	69.7	81.9	87.7	91.6	94.2	94.2	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400	69.7	81.9	87.7	91.6	94.2	94.2	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	69.7	81.9	87.7	91.6	94.2	94.2	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 200	69.7	81.9	87.7	91.6	94.2	94.2	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 100	69.7	81.9	87.7	91.6	94.2	94.2	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
0	69.7	81.9	87.7	91.6	94.2	94.2	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

AUG
MONTH

17
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0	
NO CEILING	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	
≥ 20000	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	
≥ 18000	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	
≥ 16000	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	
≥ 14000	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	
≥ 12000	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	
≥ 10000	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	
≥ 9000	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	
≥ 8000	49.7	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	
≥ 7000	58.1	59.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	
≥ 6000	58.1	59.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	
≥ 5000	61.9	63.2	63.9	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	
≥ 4500	61.9	63.2	63.9	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	
≥ 4000	63.9	66.5	67.1	67.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	
≥ 3500	63.9	66.5	67.1	67.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	
≥ 3000	67.1	71.0	72.3	72.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	
≥ 2500	69.7	75.5	78.1	78.7	80.0	80.0	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	
≥ 2000	72.3	81.9	85.8	88.4	90.3	90.3	90.3	90.3	91.0	91.0	91.6	91.6	91.6	91.6	
≥ 1800	72.3	81.9	85.8	88.4	90.3	90.3	90.3	90.3	91.0	91.0	91.6	91.6	91.6	91.6	
≥ 1500	72.3	82.6	87.1	89.7	91.6	91.6	92.9	92.9	93.6	93.6	94.2	94.2	94.2	94.2	
≥ 1200	72.3	82.6	87.1	90.3	92.3	92.3	93.6	93.6	94.2	94.2	94.8	94.8	94.8	94.8	
≥ 1000	72.3	82.6	87.1	91.0	92.9	92.9	94.2	94.2	94.8	95.5	96.1	96.1	96.1	96.1	
≥ 900	72.3	82.6	87.1	91.0	92.9	92.9	94.2	94.2	94.8	95.5	96.1	96.1	96.1	96.1	
≥ 800	72.3	83.2	87.7	91.6	94.2	94.2	96.1	96.8	97.4	98.7	99.4	99.4	100.0	100.0	
≥ 700	72.3	83.2	87.7	91.6	94.2	94.2	96.1	96.8	97.4	98.7	99.4	99.4	100.0	100.0	
≥ 600	72.3	83.2	87.7	91.6	94.2	94.2	96.1	96.8	97.4	98.7	99.4	99.4	100.0	100.0	
≥ 500	72.3	83.2	87.7	91.6	94.2	94.2	96.1	96.8	97.4	98.7	99.4	99.4	100.0	100.0	
≥ 400	72.3	83.2	87.7	91.6	94.2	94.2	96.1	96.8	97.4	98.7	99.4	99.4	100.0	100.0	
≥ 300	72.3	83.2	87.7	91.6	94.2	94.2	96.1	96.8	97.4	98.7	99.4	99.4	100.0	100.0	
≥ 200	72.3	83.2	87.7	91.6	94.2	94.2	96.1	96.8	97.4	98.7	99.4	99.4	100.0	100.0	
≥ 100	72.3	83.2	87.7	91.6	94.2	94.2	96.1	96.8	97.4	98.7	99.4	99.4	100.0	100.0	
0	72.3	83.2	87.7	91.6	94.2	94.2	96.1	96.8	97.4	98.7	99.4	99.4	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

AUG
MONTH

20
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥ 20000	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 18000	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 16000	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 14000	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 12000	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 10000	24.5	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
≥ 9000	25.8	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
≥ 8000	40.7	45.2	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 7000	50.3	54.8	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 6000	51.0	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 5000	53.6	58.7	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 4500	53.6	58.7	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 4000	53.6	59.4	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 3500	55.5	62.6	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 3000	59.4	67.7	70.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 2500	62.6	76.1	78.7	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2000	65.2	82.6	87.7	90.3	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1800	65.2	82.6	87.7	90.3	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1500	66.5	87.1	94.8	97.4	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	66.5	87.1	94.8	97.4	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	66.5	87.1	94.8	97.4	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	66.5	87.1	94.8	97.4	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	66.5	87.7	95.5	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	66.5	87.7	95.5	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	66.5	87.7	95.5	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	66.5	87.7	95.5	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	66.5	87.7	95.5	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	66.5	87.7	95.5	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	66.5	87.7	95.5	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	66.5	87.7	95.5	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	66.5	87.7	95.5	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

STATION NAME
CUBI POINT, PHILIPPINES

73-77

YEARS

AUG
MONTH

**PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

23 HOURS (L 5)

HOURS (L S Y)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	12.9	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥ 20000	26.5	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 18000	26.5	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 16000	26.5	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 14000	26.5	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 12000	27.1	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
≥ 10000	31.0	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 9000	31.6	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
≥ 8000	43.2	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 7000	49.7	54.8	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 6000	51.0	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 5000	53.6	60.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 4500	53.6	60.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 4000	54.2	60.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 3500	54.2	62.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 3000	56.1	65.8	67.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 2500	61.3	74.8	76.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 2000	65.2	81.3	83.9	87.7	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1800	65.2	81.3	83.9	87.7	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1500	65.8	83.2	85.8	92.3	94.8	95.5	96.1	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	65.8	83.2	85.8	92.3	94.8	95.5	96.1	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000	65.8	83.2	85.8	92.3	94.8	95.5	96.1	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8
≥ 900	65.8	83.2	85.8	92.3	94.8	95.5	96.1	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	65.8	83.2	85.8	92.3	94.8	95.5	96.8	96.8	96.8	97.4	97.4	97.4	98.7	99.4	99.4
≥ 700	65.8	83.2	85.8	92.3	94.8	95.5	96.8	96.8	96.8	97.4	97.4	97.4	98.7	99.4	99.4
≥ 600	65.8	83.2	85.8	92.3	94.8	95.5	96.8	96.8	96.8	97.4	97.4	97.4	98.7	99.4	99.4
≥ 500	65.8	83.2	85.8	92.3	94.8	95.5	96.8	96.8	96.8	97.4	97.4	97.4	99.4	100.0	100.0
≥ 400	65.8	83.2	85.8	92.3	94.8	95.5	96.8	96.8	96.8	97.4	97.4	97.4	99.4	100.0	100.0
≥ 300	65.8	83.2	85.8	92.3	94.8	95.5	96.8	96.8	96.8	97.4	97.4	97.4	99.4	100.0	100.0
≥ 200	65.8	83.2	85.8	92.3	94.8	95.5	96.8	96.8	96.8	97.4	97.4	97.4	99.4	100.0	100.0
≥ 100	65.8	83.2	85.8	92.3	94.8	95.5	96.8	96.8	96.8	97.4	97.4	97.4	99.4	100.0	100.0
≥ 0	65.8	83.2	85.8	92.3	94.8	95.5	96.8	96.8	96.8	97.4	97.4	97.4	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

DIRNA VOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

41231
STATIONCUBI POINT, PHILIPPINES
STATION NAME

72-77

YEARS

AUG
MONTHALL
HOURS (LST)PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	≥ 0	≥ 0
NO CEILING	15.9	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
≥ 20000	31.1	31.7	31.7	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
≥ 18000	31.1	31.7	31.7	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
≥ 16000	31.3	31.9	31.9	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 14000	31.3	31.9	31.9	32.0	32.0	32.0	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
≥ 12000	32.3	32.9	32.9	33.0	33.0	33.0	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
≥ 10000	36.1	36.9	36.9	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
≥ 9000	37.0	37.9	37.9	38.0	38.0	38.0	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 8000	47.2	49.1	49.2	49.3	49.3	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 7000	54.7	57.4	57.7	57.8	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 6000	55.7	58.5	58.8	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 5000	57.8	61.3	61.9	62.1	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 4500	57.9	61.4	62.0	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 4000	59.0	63.1	63.7	63.9	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 3500	59.7	64.4	65.1	65.2	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 3000	62.9	69.2	70.2	70.7	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 2500	67.9	76.9	78.4	79.2	79.6	79.8	79.8	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0
≥ 2000	70.9	84.4	87.4	89.0	89.9	90.2	90.3	90.4	90.4	90.5	90.5	90.6	90.6	90.6	90.6	90.6
≥ 1800	71.0	84.4	87.5	89.1	90.0	90.2	90.4	90.4	90.5	90.5	90.6	90.6	90.7	90.7	90.7	90.7
≥ 1500	71.7	86.5	90.7	93.2	94.5	94.9	95.5	95.5	95.6	95.7	95.9	96.0	96.0	96.0	96.0	96.0
≥ 1200	71.8	86.6	91.1	93.7	95.0	95.5	96.1	96.1	96.1	96.3	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1000	71.8	86.6	91.1	94.0	95.5	96.0	96.6	96.6	96.7	97.0	97.2	97.3	97.3	97.3	97.3	97.3
≥ 900	71.8	86.6	91.1	94.0	95.5	96.0	96.6	96.6	96.7	97.0	97.2	97.3	97.3	97.3	97.3	97.3
≥ 800	71.8	86.8	91.3	94.4	96.1	96.6	97.8	98.0	98.1	98.5	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	71.8	86.8	91.3	94.4	96.2	96.7	97.9	98.1	98.2	98.6	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	71.8	86.8	91.3	94.4	96.2	96.7	97.9	98.1	98.2	98.6	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	71.8	86.9	91.4	94.4	96.3	96.8	98.0	98.2	98.2	98.6	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400	71.8	86.9	91.4	94.4	96.3	96.8	98.0	98.2	98.2	98.6	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300	71.8	86.9	91.4	94.4	96.3	96.8	98.0	98.2	98.2	98.6	98.9	98.9	98.9	98.9	98.9	98.9
≥ 200	71.8	86.9	91.4	94.4	96.3	96.8	98.0	98.2	98.2	98.6	98.9	98.9	98.9	98.9	98.9	98.9
≥ 100	71.8	86.9	91.4	94.4	96.3	96.8	98.0	98.2	98.2	98.6	98.9	98.9	98.9	98.9	98.9	98.9
≥ 0	71.8	86.9	91.4	94.4	96.3	96.8	98.0	98.2	98.2	98.6	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS

1240

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

02
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ ½
NO CEILING	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 20000	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 18000	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 16000	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 14000	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 12000	64.0	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 10000	67.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 9000	67.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 8000	74.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 7000	79.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 6000	79.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 5000	82.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 4500	82.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 4000	82.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 3500	83.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 3000	85.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 2500	87.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 2000	88.7	97.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1800	88.7	97.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1500	88.7	97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	88.7	97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	88.7	97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	88.7	97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	88.7	97.3	98.0	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	88.7	97.3	98.0	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	88.7	97.3	98.0	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	88.7	97.3	98.0	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	88.7	97.3	98.0	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	88.7	97.3	98.0	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	88.7	97.3	98.0	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	88.7	97.3	98.0	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3
0	88.7	97.3	98.0	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

CEILING VERSUS VISIBILITY

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

05
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ 0
NO CEILING	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 20000	68.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 18000	68.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 16000	68.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 14000	68.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 12000	68.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 10000	70.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 9000	72.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 8000	82.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 7000	86.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 6000	86.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 5000	87.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 4500	87.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 4000	88.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3500	88.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3000	89.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2500	90.7	94.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2000	92.7	97.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1800	92.7	97.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1500	92.7	97.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	92.7	97.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	92.7	97.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	92.7	97.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	92.7	97.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	92.7	97.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	92.7	97.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	92.7	97.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	92.7	97.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	92.7	97.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	92.7	97.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	92.7	97.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0	92.7	97.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

08
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	43.3	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 20000	58.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
18000	58.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
16000	58.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
14000	58.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
12000	62.0	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
10000	66.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
9000	66.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
8000	77.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
7000	84.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
6000	84.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
5000	85.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
4500	85.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
4000	86.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
3500	86.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
3000	86.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
2500	88.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
2000	90.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
1800	90.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
1500	90.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
1200	90.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
1000	90.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
900	90.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
800	90.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
700	90.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
600	90.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
500	90.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
400	90.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
300	90.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
200	90.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
100	90.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
0	90.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

41231
STATIONCUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

SEP
MONTH11
HOURS (LST)PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	36.7	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 20000	66.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
18000	66.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
16000	66.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
14000	67.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
12000	68.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
10000	73.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
9000	74.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
8000	79.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
7000	83.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
6000	83.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
5000	83.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
4500	83.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
4000	84.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
3500	84.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
3000	85.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
2500	85.3	90.7	90.7	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
2000	88.0	94.0	95.3	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
1800	88.0	94.0	95.3	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
1500	88.7	94.7	96.0	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
1200	88.7	94.7	96.0	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
1000	88.7	94.7	96.0	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
900	88.7	94.7	96.0	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
800	88.7	94.7	96.0	97.3	98.7	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
700	88.7	94.7	96.0	97.3	98.7	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
600	88.7	94.7	96.0	97.3	98.7	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
500	88.7	94.7	96.0	97.3	98.7	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
400	88.7	94.7	96.0	97.3	98.7	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
300	88.7	94.7	96.0	97.3	98.7	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
200	88.7	94.7	96.0	97.3	98.7	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
100	88.7	94.7	96.0	97.3	98.7	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
0	88.7	94.7	96.0	97.3	98.7	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

SEP
MONTH

14

HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	25.3	25.3	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
≥ 20000	56.0	56.7	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 18000	56.0	56.7	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 16000	56.7	57.3	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 14000	57.3	58.0	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 12000	58.0	58.7	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 10000	67.3	68.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 9000	68.0	68.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 8000	74.7	75.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 7000	79.3	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 6000	79.3	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 5000	80.0	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 4500	80.0	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 4000	80.7	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 3500	81.3	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3000	82.7	84.7	85.3	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2500	84.7	90.0	90.7	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2000	85.3	94.0	94.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1800	85.3	94.0	94.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1500	85.3	94.7	95.3	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1200	85.3	94.7	95.3	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1000	85.3	94.7	96.0	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	85.3	94.7	96.0	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	85.3	94.7	96.0	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	85.3	94.7	96.0	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	85.3	94.7	96.0	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	85.3	94.7	96.0	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	85.3	94.7	96.0	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	85.3	94.7	96.0	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	85.3	94.7	96.0	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	85.3	94.7	96.0	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 0	85.3	94.7	96.0	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

150

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

17
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼
NO CEILING	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
≥ 20000	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 18000	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 16000	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 14000	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 12000	49.3	49.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 10000	54.7	54.7	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 9000	56.0	56.0	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 8000	66.7	66.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 7000	72.0	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 6000	74.0	75.3	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 5000	76.0	77.3	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 4500	76.0	77.3	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 4000	76.0	78.0	78.7	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 3500	76.7	78.7	79.3	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 3000	77.3	80.7	82.0	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2500	79.3	84.0	86.0	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 2000	80.0	86.7	88.7	90.0	91.3	91.3	91.3	91.3	91.3	92.0	92.0	92.0	92.0
≥ 1800	80.0	86.7	88.7	90.0	91.3	91.3	91.3	91.3	91.3	92.0	92.0	92.0	92.0
≥ 1500	81.3	88.0	90.0	91.3	92.7	94.0	94.7	95.3	96.0	96.0	96.0	96.0	96.0
≥ 1200	81.3	88.0	90.0	91.3	92.7	94.0	95.3	96.0	96.7	96.7	96.7	96.7	96.7
≥ 1000	81.3	88.0	90.0	91.3	92.7	94.0	95.3	96.0	96.7	96.7	96.7	96.7	96.7
≥ 900	81.3	88.0	90.0	91.3	92.7	94.0	95.3	96.0	96.7	96.7	96.7	96.7	96.7
≥ 800	81.3	88.0	90.0	91.3	94.0	96.0	97.3	98.7	99.3	99.3	99.3	99.3	99.3
≥ 700	81.3	88.0	90.0	91.3	94.0	96.0	97.3	98.7	99.3	99.3	99.3	99.3	99.3
≥ 600	81.3	88.0	90.0	91.3	94.7	96.7	98.0	99.3	100.0	100.0	100.0	100.0	100.0
≥ 500	81.3	88.0	90.0	91.3	94.7	96.7	98.0	99.3	100.0	100.0	100.0	100.0	100.0
≥ 400	81.3	88.0	90.0	91.3	94.7	96.7	98.0	99.3	100.0	100.0	100.0	100.0	100.0
≥ 300	81.3	88.0	90.0	91.3	94.7	96.7	98.0	99.3	100.0	100.0	100.0	100.0	100.0
≥ 200	81.3	88.0	90.0	91.3	94.7	96.7	98.0	99.3	100.0	100.0	100.0	100.0	100.0
≥ 100	81.3	88.0	90.0	91.3	94.7	96.7	98.0	99.3	100.0	100.0	100.0	100.0	100.0
0	81.3	88.0	90.0	91.3	94.7	96.7	98.0	99.3	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

20
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 20000	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
18000	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
16000	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
14000	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
12000	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
10000	54.7	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
9000	55.3	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
8000	68.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
7000	75.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
6000	77.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
5000	78.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
4500	78.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
4000	80.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
3500	80.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
3000	81.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
2500	84.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
2000	85.3	93.3	93.3	94.7	94.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3
1800	85.3	93.3	93.3	94.7	94.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3
1500	85.3	94.0	94.0	94.7	96.0	96.0	96.7	96.7	96.7	96.7	96.7	96.7
1200	85.3	94.0	95.3	96.7	96.7	96.7	97.3	97.3	97.3	97.3	97.3	97.3
1000	85.3	94.0	95.3	96.7	97.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0
900	85.3	94.0	95.3	96.7	97.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0
800	85.3	94.0	95.3	97.3	98.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3
700	85.3	94.0	95.3	97.3	98.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3
600	85.3	94.0	95.3	97.3	98.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3
500	85.3	94.0	95.3	98.0	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0
400	85.3	94.0	95.3	98.0	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0
300	85.3	94.0	95.3	98.0	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0
200	85.3	94.0	95.3	98.0	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0
100	85.3	94.0	95.3	98.0	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0
0	85.3	94.0	95.3	98.0	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

41231
STATIONCUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

SEP
MONTH

23

HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	30.7	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
≥ 20000	51.3	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 18000	51.3	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 16000	51.3	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 14000	51.3	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 12000	51.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 10000	57.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 9000	58.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 8000	72.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 7000	75.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 6000	76.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 5000	78.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 4500	78.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 4000	79.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 3500	80.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3000	82.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 2500	84.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2000	84.0	96.7	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1800	84.0	96.7	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1500	84.0	96.7	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	84.0	96.7	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	84.0	96.7	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	84.0	96.7	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	84.0	96.7	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 700	84.0	96.7	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	84.0	96.7	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	84.0	96.7	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 400	84.0	96.7	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 300	84.0	96.7	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 200	84.0	96.7	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 100	84.0	96.7	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 0	84.0	96.7	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	32.8	33.1	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
≥ 20000	57.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 18000	57.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 16000	57.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 14000	57.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 12000	58.8	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 10000	63.9	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 9000	64.8	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 8000	74.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 7000	79.4	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 6000	80.0	82.4	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 5000	81.4	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 4500	81.4	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 4000	82.3	85.3	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 3500	82.6	85.8	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 3000	83.8	87.5	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 2500	85.5	90.9	91.3	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 2000	86.8	94.4	95.0	95.9	96.3	96.3	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1800	86.8	94.4	95.0	95.9	96.3	96.3	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1500	87.0	94.9	95.7	96.6	96.9	97.2	97.4	97.5	97.6	97.6	97.6	97.7	97.7	97.7
≥ 1200	87.0	94.9	95.8	96.7	97.0	97.3	97.7	97.8	97.8	97.8	97.9	98.0	98.0	98.0
≥ 1000	87.0	94.9	95.8	96.8	97.4	97.7	98.1	98.2	98.3	98.3	98.4	98.5	98.5	98.5
≥ 900	87.0	94.9	95.8	96.8	97.5	97.8	98.2	98.3	98.3	98.4	98.5	98.6	98.6	98.6
≥ 800	87.0	94.9	95.8	97.0	97.9	98.4	99.0	99.3	99.3	99.5	99.6	99.7	99.7	99.7
≥ 700	87.0	94.9	95.8	97.0	97.9	98.4	99.0	99.3	99.3	99.5	99.6	99.7	99.7	99.7
≥ 600	87.0	94.9	95.8	97.1	98.1	98.6	99.3	99.5	99.6	99.8	99.8	99.9	99.9	99.9
≥ 500	87.0	94.9	95.8	97.2	98.2	98.7	99.3	99.6	99.7	99.8	99.9	100.0	100.0	100.0
≥ 400	87.0	94.9	95.8	97.2	98.2	98.7	99.3	99.6	99.7	99.8	99.9	100.0	100.0	100.0
≥ 300	87.0	94.9	95.8	97.2	98.2	98.7	99.3	99.6	99.7	99.8	99.9	100.0	100.0	100.0
≥ 200	87.0	94.9	95.8	97.2	98.2	98.7	99.3	99.6	99.7	99.8	99.9	100.0	100.0	100.0
≥ 100	87.0	94.9	95.8	97.2	98.2	98.7	99.3	99.6	99.7	99.8	99.9	100.0	100.0	100.0
0	87.0	94.9	95.8	97.2	98.2	98.7	99.3	99.6	99.7	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1200

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

41231
STATIONCUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

02
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 20000	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 18000	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 16000	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 14000	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 12000	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 10000	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 9000	80.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 8000	85.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 7000	87.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 6000	88.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 5000	89.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 4500	89.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 4000	90.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 3500	91.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 3000	91.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2500	92.3	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2000	92.9	95.5	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1800	92.9	95.5	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1500	93.6	96.8	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	93.6	96.8	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	93.6	97.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	93.6	97.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	93.6	97.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	93.6	97.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	93.6	97.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	93.6	97.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	93.6	97.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	93.6	97.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	93.6	97.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	93.6	97.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	93.6	97.4	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CURI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

05
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 20000	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
At 18000	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
At 16000	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
At 14000	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
At 12000	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
At 10000	61.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
At 9000	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
At 8000	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
At 7000	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
At 6000	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
At 5000	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
At 4500	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
At 4000	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
At 3500	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
At 3000	93.6	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
At 2500	93.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
At 2000	94.2	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
At 1800	94.2	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
At 1500	96.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
At 1200	96.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
At 1000	96.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
At 900	96.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
At 800	96.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
At 700	96.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
At 600	96.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
At 500	96.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
At 400	96.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
At 300	96.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
At 200	96.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
At 100	96.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	96.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

0CT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

08
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 20000	72.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 18000	72.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 16000	72.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 14000	72.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 12000	73.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 10000	77.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 9000	78.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 8000	84.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 7000	88.4	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 6000	88.4	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 5000	88.4	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 4500	88.4	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 4000	90.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 3500	90.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 3000	90.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2500	90.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2000	91.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1800	91.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1500	91.6	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1200	91.6	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1000	91.6	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 900	91.6	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 800	91.6	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 700	91.6	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 600	91.6	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 500	91.6	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 400	91.6	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 300	91.6	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 200	91.6	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 100	91.6	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
0	91.6	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

11
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 20000	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
18000	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
16000	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
14000	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
12000	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
10000	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
9000	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
8000	83.9	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
7000	87.7	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
6000	87.7	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
5000	88.4	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
4500	88.4	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
4000	89.0	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
3500	89.7	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
3000	89.7	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
2500	89.7	93.6	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
2000	89.7	93.6	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
1800	90.3	94.8	95.5	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
1500	90.3	94.8	95.5	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
1200	90.3	94.8	95.5	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
1000	90.3	94.8	95.5	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
900	90.3	94.8	95.5	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
800	90.3	94.8	95.5	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
700	90.3	94.8	95.5	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
600	90.3	94.8	95.5	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
500	90.3	94.8	95.5	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
400	90.3	94.8	95.5	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
300	90.3	94.8	95.5	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
200	90.3	94.8	95.5	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
100	90.3	94.8	95.5	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
0	90.3	94.8	95.5	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

41231
STATION

CUBI POINT, PHILIPPINES

73-77

YEARS

JCT
MOUTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)14
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 20000	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 18000	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 16000	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 14000	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 12000	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 10000	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 9000	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 8000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 7000	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 6000	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 5000	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4500	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4000	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 3500	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 3000	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2500	90.3	91.6	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2000	92.9	94.2	94.2	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1800	92.9	94.2	94.2	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1500	92.9	96.1	96.1	97.4	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	92.9	96.1	96.1	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	92.9	96.1	96.1	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	92.9	96.1	96.1	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	92.9	96.1	96.1	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	92.9	96.1	96.1	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	92.9	96.1	96.1	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	92.9	96.1	96.1	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	92.9	96.1	96.1	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	92.9	96.1	96.1	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	92.9	96.1	96.1	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	92.9	96.1	96.1	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0	92.9	96.1	96.1	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

TEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

17
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥ 20000	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 18000	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 16000	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 14000	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 12000	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 10000	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 9000	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 8000	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 7000	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 6000	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 5000	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 4500	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 4000	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3500	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 3000	87.7	88.4	88.4	88.4	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2500	89.0	92.3	92.9	92.9	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2000	89.0	92.9	93.6	94.2	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1800	89.0	92.9	93.6	94.2	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1500	89.0	95.5	96.1	96.8	97.4	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	89.0	95.5	96.1	96.8	97.4	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	89.0	96.1	96.8	97.4	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	89.0	96.1	96.8	97.4	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	89.0	96.1	96.8	97.4	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	89.0	96.1	96.8	97.4	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	89.0	96.1	96.8	97.4	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	89.0	96.1	96.8	97.4	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	89.0	96.1	96.8	97.4	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	89.0	96.1	96.8	97.4	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	89.0	96.1	96.8	97.4	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	89.0	96.1	96.8	97.4	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0	89.0	96.1	96.8	97.4	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

OCT
MONTH

20
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	38.7	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 20000	50.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 18000	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 16000	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 14000	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 12000	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 10000	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 9000	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 8000	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 7000	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 6000	82.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 5000	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4500	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4000	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 3500	85.8	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 3000	87.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2500	87.7	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2000	89.7	93.6	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1800	89.7	93.6	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1500	91.6	96.8	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	91.6	96.8	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	91.6	96.8	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	91.6	96.8	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	91.6	96.8	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	91.6	96.8	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	91.6	96.8	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	91.6	96.8	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	91.6	96.8	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	91.6	96.8	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	91.6	96.8	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	91.6	96.8	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	91.6	96.8	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

23
HOURS (L.S.T.)

CEILING (FEET)		VISIBILITY (STATUTE MILES)													
		≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0
NO CEILING		49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 20000		68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 18000		68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 16000		68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 14000		68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 12000		68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 10000		74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 9000		75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 8000		82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 7000		88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 6000		88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 5000		89.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 4500		89.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 4000		89.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3500		89.7	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 3000		90.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2500		91.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2000		92.9	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1800		92.9	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1500		92.9	97.4	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200		92.9	97.4	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000		92.9	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		92.9	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		92.9	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		92.9	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		92.9	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		92.9	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		92.9	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		92.9	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		92.9	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		92.9	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		92.9	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	49.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 20000	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 18000	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 16000	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 14000	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 12000	69.7	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 10000	74.5	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 9000	75.0	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 8000	81.1	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 7000	86.3	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 6000	86.5	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 5000	87.3	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 4500	87.3	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 4000	88.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3500	88.6	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 3000	89.9	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2500	90.6	93.5	93.6	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 2000	91.5	94.9	95.2	95.9	96.0	96.1	96.2	96.3	96.3	96.4	96.4	96.4	96.4
≥ 1800	91.5	94.9	95.2	95.9	96.0	96.1	96.2	96.3	96.3	96.4	96.4	96.4	96.4
≥ 1500	92.3	96.6	97.2	98.0	98.2	98.5	98.6	98.7	98.7	98.8	98.8	98.8	98.8
≥ 1200	92.3	96.6	97.2	98.0	98.3	98.6	98.7	98.9	98.9	99.1	99.1	99.1	99.1
≥ 1000	92.3	96.9	97.6	98.4	98.7	99.0	99.1	99.3	99.3	99.5	99.5	99.5	99.5
≥ 900	92.3	96.9	97.6	98.4	98.7	99.0	99.1	99.3	99.3	99.5	99.5	99.5	99.5
≥ 800	92.3	96.9	97.6	98.4	98.7	99.0	99.1	99.3	99.3	99.5	99.5	99.5	99.5
≥ 700	92.3	96.9	97.6	98.4	98.7	99.0	99.1	99.3	99.3	99.5	99.5	99.5	99.5
≥ 600	92.3	96.9	97.6	98.4	98.7	99.0	99.1	99.3	99.3	99.5	99.5	99.5	99.5
≥ 500	92.3	96.9	97.6	98.4	98.7	99.0	99.1	99.3	99.3	99.5	99.5	99.5	99.5
≥ 400	92.3	96.9	97.6	98.4	98.7	99.0	99.1	99.3	99.3	99.5	99.5	99.5	99.5
≥ 300	92.3	96.9	97.6	98.4	98.7	99.0	99.1	99.3	99.3	99.5	99.5	99.5	99.5
≥ 200	92.3	96.9	97.6	98.4	98.7	99.0	99.1	99.3	99.3	99.5	99.5	99.5	99.5
≥ 100	92.3	96.9	97.6	98.4	98.7	99.0	99.1	99.3	99.3	99.5	99.5	99.5	99.5
0	92.3	96.9	97.6	98.4	98.7	99.0	99.1	99.3	99.3	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 1240

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

02
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 20000	74.0	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 18000	74.0	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 16000	74.0	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 14000	74.0	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 12000	74.0	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 10000	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 9000	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 8000	87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 7000	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 6000	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 5000	93.3	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 4500	93.3	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 4000	94.0	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 3500	94.7	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 3000	96.7	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2500	96.7	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2000	96.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1800	96.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1500	96.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	96.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	96.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	96.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	96.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	96.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	96.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	96.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	96.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	96.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	96.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	96.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0	96.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

05
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	71.3	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 20000	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 18000	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 16000	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 14000	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 12000	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 10000	80.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 9000	80.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 8000	87.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 7000	92.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 6000	92.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 5000	94.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 4500	94.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 4000	94.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 3500	94.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 3000	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2500	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2000	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

08
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼
NO CEILING	61.3	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 20000	69.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 18000	69.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 16000	69.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 14000	70.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 12000	70.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 10000	72.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 9000	73.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 8000	85.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 7000	91.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 6000	92.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 5000	93.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 4500	93.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 4000	94.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 3500	94.0	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 3000	94.0	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2500	94.0	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2000	94.0	96.7	97.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1800	94.0	96.7	97.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1500	94.0	96.7	97.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	94.0	96.7	97.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	94.0	96.7	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	94.0	96.7	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	94.0	96.7	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 700	94.0	96.7	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	94.0	96.7	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	94.0	96.7	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 400	94.0	96.7	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 300	94.0	96.7	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 200	94.0	96.7	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 100	94.0	96.7	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
0	94.0	96.7	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

NOV
MONTH

11
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 20000	75.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 18000	75.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 16000	75.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 14000	75.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 12000	75.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 10000	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 9000	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
8000	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
AI AI	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
6000	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
5000	93.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
4500	93.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
4000	94.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
3500	94.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
AI AI	94.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
3000	95.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
AI AI	95.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
2500	95.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
2000	95.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
AI AI	95.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
1800	95.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
1500	95.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
AI AI	95.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
1200	95.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
AI AI	95.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
1000	95.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
AI AI	95.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
900	95.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
AI AI	95.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
800	95.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
AI AI	95.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
700	95.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
AI AI	95.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
600	95.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
AI AI	95.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
500	95.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
AI AI	95.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
400	95.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
AI AI	95.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
300	95.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
AI AI	95.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
200	95.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
AI AI	95.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
100	95.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
AI AI	95.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
0	95.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

72-77

YEARS

NOV
MONTH

14
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 20000	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 18000	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 16000	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 14000	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 12000	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 10000	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 9000	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 8000	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 7000	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 6000	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 5000	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 4500	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 4000	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3500	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 3000	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2500	94.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 2000	94.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1800	94.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1500	94.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1200	94.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1000	94.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 900	94.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 800	94.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 700	94.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 600	94.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 500	94.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 400	94.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 300	94.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 200	94.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 100	94.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 0	94.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

0000

NOV
MONTH

17
HOURS (L.S.T.)

71-77
YEARS

41231
STATION

CURI POINT, PHILIPPINES
STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼
NO CEILING	43.3	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 20000	62.0	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
18000	62.0	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
16000	62.0	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
14000	62.0	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
12000	62.0	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
10000	64.0	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
8000	64.0	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
7000	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
6000	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
5000	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
4500	87.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
4000	88.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
3500	92.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
3000	94.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
2500	94.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
2000	94.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
1800	94.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
1500	94.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
1200	94.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
1000	94.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
900	94.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
800	94.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
700	94.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
600	94.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
500	94.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
400	94.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
300	94.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
200	94.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
100	94.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0	94.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS 150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

20
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	58.7	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 20000	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
18000	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
16000	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
14000	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
12000	74.0	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
10000	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
9000	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
8000	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
7000	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
6000	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
5000	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
4500	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
4000	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
3500	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
3000	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
2500	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
2000	96.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
1800	96.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
1500	96.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
1200	96.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
1000	96.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
900	96.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
800	96.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
700	96.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
600	96.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
500	96.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
400	96.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
300	96.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
200	96.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
100	96.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0	96.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

7A-77

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

23
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	65.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 20000	74.7	75.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 18000	74.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 16000	74.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 14000	74.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 12000	74.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 10000	79.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 9000	79.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 8000	88.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 7000	90.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 6000	90.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 5000	91.3	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 4500	91.3	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 4000	92.7	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 3500	93.3	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 3000	94.0	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2500	94.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	94.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	94.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	94.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	94.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	94.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	94.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	94.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	94.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	94.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	94.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	94.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	94.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	94.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	94.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	94.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼
NO CEILING	59.7	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 20000	71.9	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
18000	71.9	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
16000	71.9	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
14000	72.0	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
12000	72.2	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
10000	75.2	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
9000	75.7	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
8000	66.9	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
7000	90.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
6000	90.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
5000	92.4	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
4500	92.4	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
4000	93.3	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
3500	94.4	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
3000	95.2	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
2500	95.3	97.9	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4
2000	95.3	98.3	98.5	98.7	98.8	99.0	99.2	99.2	99.2	99.3	99.3	99.3
1800	95.3	98.3	98.5	98.7	98.8	99.0	99.2	99.2	99.2	99.3	99.3	99.3
1500	95.3	98.3	98.5	98.7	98.8	99.0	99.3	99.3	99.3	99.3	99.4	99.5
1200	95.3	98.3	98.5	98.7	98.8	99.0	99.3	99.3	99.4	99.6	99.7	99.8
1000	95.3	98.3	98.5	98.8	98.9	99.1	99.4	99.4	99.5	99.7	99.8	99.8
900	95.3	98.3	98.5	98.8	98.9	99.1	99.4	99.4	99.5	99.7	99.8	99.8
800	95.3	98.3	98.5	98.8	99.0	99.2	99.5	99.5	99.6	99.8	99.9	99.9
700	95.3	98.3	98.5	98.8	99.0	99.2	99.5	99.5	99.6	99.8	99.9	99.9
600	95.3	98.3	98.5	98.8	99.0	99.2	99.5	99.5	99.6	99.8	99.9	99.9
500	95.3	98.3	98.5	98.8	99.0	99.2	99.5	99.5	99.6	99.8	99.9	99.9
400	95.3	98.3	98.5	98.8	99.0	99.2	99.5	99.5	99.6	99.8	99.9	99.9
300	95.3	98.3	98.5	98.8	99.0	99.2	99.5	99.5	99.6	99.8	99.9	99.9
200	95.3	98.3	98.5	98.8	99.0	99.2	99.5	99.5	99.6	99.8	99.9	99.9
100	95.3	98.3	98.5	98.8	99.0	99.2	99.5	99.5	99.6	99.8	99.9	99.9
0	95.3	98.3	98.5	98.8	99.0	99.2	99.5	99.5	99.6	99.8	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

1200

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

02
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 20000	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 18000	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 16000	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 14000	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 12000	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 10000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 9000	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 8000	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 7000	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 6000	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 5000	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 4500	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 4000	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 3500	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 3000	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

05
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 20000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 18000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 16000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 14000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 12000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 10000	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 9000	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 8000	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 7000	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 6000	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 5000	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 4500	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 4000	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 3500	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

08
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼
NO CEILING	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 20000	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 18000	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 16000	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 14000	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 12000	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 10000	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 9000	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 8000	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 7000	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 6000	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 5000	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4500	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4000	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 3500	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 3000	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

11
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 20000	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
AI 18000	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
AI 16000	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
AI 14000	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
AI 12000	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
AI 10000	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
AI 9000	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
AI 8000	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
AI 7000	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
AI 6000	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
AI 5000	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
AI 4500	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
AI 4000	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
AI 3500	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
AI 3000	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI 2500	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI 2000	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 1800	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 1500	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 1200	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 1000	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 900	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 800	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 700	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 600	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 500	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 400	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 300	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 200	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 100	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

7A-77

YEARS

DEC
MONTH

14
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0
NO CEILING	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 20000	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 18000	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 16000	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 14000	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 12000	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 10000	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 9000	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 8000	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 7000	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 6000	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 5000	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 4500	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 4000	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 3500	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 3000	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2500	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2000	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1600	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1400	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 0	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUSI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

17
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 20000	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 18000	57.6	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 16000	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 14000	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 12000	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 10000	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 9000	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 8000	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 7000	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 6000	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 5000	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 4500	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 4000	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 3500	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 3000	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2500	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2000	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

7J-77

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

20
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 20000	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 18000	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 16000	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 14000	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 12000	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 10000	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 9000	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 8000	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 7000	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 6000	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 5000	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 4500	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 4000	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 3500	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 3000	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2500	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2000	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 0	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

23
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 20000	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 18000	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 16000	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 14000	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 12000	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 10000	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 9000	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 8000	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 7000	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 6000	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 5000	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4500	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4000	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 3500	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 3000	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

DIRNAVOCEANMET DETACHMENT, ASHEVILLE, NC

73-77

73-77

YEARS

DEC

MONTH

ALL

HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 20000	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 18000	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 16000	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 14000	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 12000	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 10000	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 9000	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 8000	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 7000	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 6000	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 5000	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 4500	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 4000	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 3500	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 3000	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2500	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2000	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
0	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 1240

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

73-77

YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	53.7	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 20000	68.0	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 18000	68.0	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 16000	68.0	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 14000	68.1	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 12000	68.5	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 10000	71.4	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 9000	72.2	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 8000	81.0	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 7000	85.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 6000	85.6	86.6	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 5000	87.2	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 4500	87.2	88.5	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 4000	88.5	89.9	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 3500	89.3	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3000	90.7	93.0	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 2500	91.8	94.8	95.1	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2000	92.4	96.3	96.8	97.2	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1800	92.4	96.3	96.8	97.2	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1500	92.6	96.8	97.5	98.0	98.3	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200	92.6	96.8	97.6	98.1	98.4	98.5	98.7	98.7	98.8	98.8	98.9	98.9	98.9
≥ 1000	92.7	96.9	97.7	98.2	98.6	98.7	98.9	99.0	99.0	99.1	99.1	99.2	99.2
≥ 900	92.7	96.9	97.7	98.3	98.6	98.7	98.9	99.0	99.0	99.1	99.2	99.2	99.2
≥ 800	92.7	96.9	97.7	98.3	98.8	98.9	99.0	99.2	99.3	99.4	99.4	99.4	99.4
≥ 700	92.7	96.9	97.7	98.3	98.8	98.9	99.0	99.2	99.3	99.4	99.4	99.4	99.4
≥ 600	92.7	96.9	97.7	98.3	98.8	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	92.7	96.9	97.7	98.3	98.8	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	92.7	96.9	97.7	98.3	98.8	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	92.7	96.9	97.7	98.3	98.8	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	92.7	96.9	97.7	98.3	98.8	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	92.7	96.9	97.7	98.3	98.8	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4
0	92.7	96.9	97.7	98.3	98.8	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 14608

DIRNAVOCEANMET SMOS

SKY COVER

JAN
MONTH73-77
PERIOD41231 CUBI POINT, PHILIPPINES
STATION NAMEPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JAN	02	8.4	4.5	10.3	7.7	8.4	10.3	5.2	9.7	11.6	6.5	17.4	5.6	155
	05	8.4	1.9	12.3	9.7	9.7	8.4	7.1	9.7	7.7	5.2	20.0	5.5	155
	08	3.2	4.5	6.5	9.7	3.9	8.4	3.2	5.8	10.3	7.1	37.4	6.8	155
	11	1.3	1.9	5.2	14.2	5.8	9.0	5.8	10.3	7.7	11.0	27.7	6.7	155
	14		1.3	7.1	2.6	7.1	9.0	4.5	7.1	13.5	8.4	39.4	7.5	155
	17	.6	1.3	3.9	2.6	7.7	7.7	5.2	5.2	11.6	18.1	36.1	7.7	155
	20	1.3	1.9	6.5	11.0	5.8	10.3	3.2	13.5	14.2	7.1	25.2	6.7	155
	23	5.8	1.9	10.3	12.9	11.0	8.4	7.7	7.7	7.7	7.1	19.4	5.7	155
TOTALS		3.6	2.4	7.8	8.8	7.4	8.9	5.2	8.6	10.5	8.8	27.8	6.5	1240

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STATION NAME

PERIOD

TOTALS

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41231 CUBI POINT, PHILIPPINES

73-77

MAR

MONTH

PERIOD

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAR	02	12.9	2.6	13.5	16.8	13.5	7.1	1.9	5.8	9.0	3.2	13.5	4.6	155
	05	12.3	3.2	13.5	21.3	9.7	9.7	5.8	4.5	8.4	3.9	7.7	4.3	155
	08	7.7	5.8	10.3	17.4	7.1	10.3	2.6	6.5	9.7	5.8	16.8	5.2	155
	11	4.5	5.2	9.0	11.0	11.6	9.7	4.5	12.9	9.0	4.5	18.1	5.6	155
	14	1.3	2.6	3.9	12.3	11.6	9.0	5.2	10.3	16.8	5.2	21.9	6.4	155
	17	1.3	3.2	5.8	11.6	9.7	8.4	3.9	11.6	11.0	11.0	22.6	6.5	155
	20	4.5	3.2	7.7	11.6	13.5	11.6	8.4	6.5	10.3	9.7	12.9	5.6	155
	23	14.2	7.1	6.5	15.5	13.5	6.5	7.1	7.7	6.5	3.2	12.3	4.5	155
TOTALS		7.3	4.1	8.8	14.7	11.3	9.0	4.9	8.2	10.1	5.8	15.7	5.3	1240

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SKY COVER

5704 SKY COVER JAN 68

JUL

73-77

CUBI POINT, PHILIPPINES

41231

MONTH

PERIOD

STATION NAME

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10	
JUL	02			.6	2.6	3.2	4.5	1.9	5.2	11.0	2.6	68.4	155
	05			2.6	.6	3.2	5.2	6.5	10.3	12.9	3.2	55.5	155
	08				2.6	3.2		2.6	7.7	8.4	14.2	61.3	155
	11			.6	3.2	1.9	4.5	1.9	5.2	14.2	12.3	56.1	155
	14				.6	1.3	3.9	2.6	6.5	13.5	9.7	61.9	155
	17					1.3		3.2	4.5	5.8	11.0	74.2	155
	20						3.2	1.3	3.9	13.5	7.7	70.3	155
	23	.6			1.3	1.3	4.5	2.6	4.5	11.0	7.1	67.1	155
TOTALS		.1		.5	1.4	1.9	3.2	2.8	6.0	11.3	8.5	64.4	1240

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SKY COVER

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PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
AUG	02				.6	.6	1.3	3.9	5.2	5.8	5.8	76.8	9.4	155
	05		.6		1.3	2.6	1.9	1.9	10.3	9.0	6.5	65.8	9.0	155
	08				3.2	1.3	2.6	1.3	3.9	3.2	3.9	80.6	9.3	155
	11			.6	1.3	.6	1.3	1.3	3.2	6.5	7.1	78.1	9.4	155
	14				.6		3.2	1.9	2.6	7.7	5.8	78.1	9.4	155
	17					1.3		1.9	.6	5.8	5.2	85.2	9.7	155
	20				.6		.6	1.3	3.9	3.2	3.2	87.1	9.7	155
	23		.6		.6		2.6	.6	1.9	3.2	7.7	82.6	9.5	155
TOTALS		.2	.1	1.0	.8	1.7	1.8	4.0	5.6	5.7	79.3	9.4	1240	

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MONTH

PERIOD

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CUBI POINT, PHILIPPINES

41231

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
SEP	02			1.3	1.3	1.3	4.7	5.3	6.7	10.7	7.3	61.3	8.8	150
	05			.7	4.0	3.3	6.0	8.7	10.7	11.3	4.7	90.7	8.2	150
	08			1.3	1.3	1.3	4.7	3.3	4.7	12.7	6.7	64.0	8.9	150
	11			1.3	1.3	2.0	4.0	4.0	5.3	12.7	10.0	59.3	8.8	150
	14				.7	2.0	2.7	.7	4.0	8.0	13.3	68.7	9.3	150
	17					.7	.7	1.3	4.0	7.3	2.7	83.3	9.6	150
	20				.7	.7	2.7	.7	5.3	7.3	4.7	78.0	9.4	150
	23				2.0	.7	2.7	6.7	2.7	5.3	8.0	72.0	9.2	150
TOTALS			.6	1.4	1.5	3.5	3.8	5.4	9.4	7.2	67.2	9.0	1200	

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SKY COVER

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MONTH

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PERIOD

CUBI POINT, PHILIPPINES

STATION NAME

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STATION

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
OCT	02		1.3	1.3	11.6	7.7	6.5	7.7	9.0	16.1	4.5	34.2	7.2	155
	05	1.3	1.9	2.6	10.3	13.5	10.3	8.4	4.5	9.0	6.5	31.6	6.7	155
	08	1.3	.6	4.5	4.5	5.2	3.9	4.5	9.0	9.0	7.7	49.7	7.9	155
	11	.6	1.3	3.9	5.8	5.8	7.7	3.9	3.9	12.3	11.6	43.2	7.7	155
	14			.6	7.1	5.2	6.5	.6	7.7	14.8	3.9	53.5	8.2	155
	17			1.9	3.2	4.5	6.5	4.5	6.5	7.1	3.2	62.6	8.5	155
	20			1.3	6.5	5.2	4.5	6.5	5.8	9.0	5.2	56.1	8.2	155
	23			4.5	5.8	7.7	3.9	7.7	7.1	6.5	8.4	48.4	7.8	155
TOTALS		.4	.6	2.6	6.9	6.9	6.2	5.5	6.7	10.5	6.4	47.4	7.8	1240

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PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
NOV	02	6.0	.7	6.7	11.3	12.0	4.0	8.0	8.7	8.7	5.3	28.7	6.3	150
	05	7.3	1.3	13.3	10.0	9.3	6.0	6.0	9.3	9.3	4.0	24.0	5.8	150
	08	.7	.7	2.7	8.0	4.0	3.3	5.3	10.7	15.3	10.7	38.7	7.7	150
	11		2.0	2.7	8.0	4.0	6.7	4.7	9.3	10.7	14.7	37.3	7.6	150
	14			.7	6.0	6.0	6.7	3.3	7.3	13.3	14.7	42.0	8.1	150
	17			2.7	5.3	2.7	6.0	6.7	6.7	14.0	12.0	44.0	8.1	150
	20	.7	2.0	3.3	6.7	5.3	6.0	9.3	7.3	20.0	6.0	33.3	7.3	150
	23	4.0	2.7	4.0	8.0	6.0	7.3	9.3	10.0	15.3	4.7	28.7	6.7	150
TOTALS		2.3	1.2	4.5	7.9	6.2	5.8	6.6	8.7	13.3	9.0	34.6	7.2	1200

SKY COVER

DEC
MONTH

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CUBI POINT, PHILIPPINES

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MONTH

PERIOD

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
DEC	02	5.2	4.5	7.1	14.2	11.0	8.4	4.5	6.5	9.0	4.5	25.2	5.8	155
	05	7.1	3.2	11.0	14.2	8.4	7.7	5.2	9.7	5.8	3.2	24.5	5.6	155
	08	.6	5.8	2.6	5.2	6.5	3.9	5.2	9.0	8.4	7.7	45.2	7.5	155
	11	1.3	1.9	3.9	5.8	4.5	4.5	8.4	10.3	9.0	6.5	43.9	7.6	155
	14	.6	2.6	1.3	5.2	4.5	5.8	3.9	7.7	14.8	4.5	49.0	7.9	155
	17	.6	.6	1.9	7.7	7.1	4.5	4.5	6.5	10.3	8.4	47.7	7.9	155
	20	.6	3.2	3.9	9.7	9.0	7.1	3.2	6.5	10.3	6.5	40.0	7.2	155
	23	3.2	3.9	5.8	13.5	6.5	6.5	7.1	10.3	10.3	3.9	29.0	6.4	155
TOTALS		2.4	3.2	4.7	9.4	7.2	6.1	5.3	8.3	9.7	5.7	38.1	7.0	1240

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CUBI POINT, PHILIPPINES

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ALL

MONTH

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STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JAN	ALL	3.6	2.4	7.8	8.8	7.4	8.9	5.2	8.6	10.5	8.8	27.8	6.5	1240
FEB		7.0	3.9	8.3	11.7	7.4	10.3	5.2	8.7	9.5	8.3	19.6	5.8	1128
MAR		7.3	4.1	6.8	14.7	11.3	9.0	4.9	8.2	10.1	5.8	15.7	5.3	1240
APR		9.3	5.3	11.3	15.8	9.0	9.6	6.2	6.8	7.8	3.0	15.9	4.9	1200
MAY		1.9	1.9	4.1	9.2	6.9	7.3	5.5	9.2	10.5	6.2	37.3	7.1	1240
JUN		.3	.4	1.8	3.6	3.9	6.2	4.1	5.2	10.6	5.1	59.0	8.4	1200
JUL		.1		.5	1.4	1.9	3.2	2.8	6.0	11.3	8.5	64.4	9.0	1240
AUG			.2	.1	1.0	.8	1.7	1.8	4.0	5.6	5.7	79.3	9.4	1240
SEP				.6	1.4	1.5	3.5	3.8	5.4	9.4	7.2	67.2	9.0	1200
OCT		.4	.6	2.6	6.9	6.9	6.2	5.5	6.7	10.5	6.4	47.4	7.8	1240
NOV		2.3	1.2	4.5	7.9	6.2	5.8	6.6	8.7	13.3	9.0	34.6	7.2	1200
DEC		2.4	3.2	4.7	9.4	7.2	6.1	5.3	8.3	9.7	5.7	38.1	7.0	1240
TOTALS		2.9	1.9	4.6	7.7	5.9	6.5	4.7	7.2	9.9	6.6	42.2	7.3	14608

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperature
 - b. Daily minimum temperature
 - c. Daily mean temperature
2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.
3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:
 - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the total no. of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σx). The number of observations used in the computations for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:

- a. Dry-bulb temperature
- b. Wet-bulb temperature
- c. Dew-point temperature

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

6. Percentage frequency of occurrence of dry-bulb temperature versus wind direction - This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The main body of the summary consists of dry bulb temperatures spread vertically in four degree increments and horizontally by eight wind directions (plus calm).

DAILY TEMPERATURES

41231
STATION

CUBI POINT, PHILIPPINES

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YEARS

MAXIMUM

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

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DAILY TEMPERATURES

41231
STATION

STATION NAME
CUBI POINT, PHILIPPINES

55. 57-77

YEARS

MINIMUM

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

[illegible]

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DAILY TEMPERATURES

41231
STATION

STATION NAME
CUBI POINT, PHILIPPINES

55. 57-77

YEARS

MEAN

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

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DAILY AVERAGE/EXTREME TEMPERATURES

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

41231

CUBI PT., PHILIPPINES

1959-1977

JANUARY

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		EXTREME		AVERAGE		MINIMUM TEMP		DATE
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	
1	80.1	26.7	87.7	30.9	91	32.8	91	32.8	72.6	22.6	67	19.4	1959
2	80.3	26.8	87.6	30.9	91	32.8	91	32.8	73.0	22.8	69	20.6	1962
3	80.0	26.7	87.0	30.6	91	32.8	91	32.8	72.9	22.7	69	20.6	1962
4	80.0	26.7	87.2	30.7	90	32.2	90	32.2	72.8	22.7	66	18.9	1965
5	80.3	26.8	87.8	31.0	92	33.3	92	33.3	72.7	22.6	67	19.4	1969
6	79.8	26.6	87.2	30.7	92	33.3	92	33.3	72.4	22.4	69	20.6	1976*
7	79.3	26.3	87.2	30.7	92	33.3	92	33.3	71.4	21.9	68	20.0	1977*
8	79.7	26.5	87.5	30.8	93	33.9	93	33.9	71.9	22.2	67	19.4	1965
9	79.6	26.4	86.8	30.4	91	32.8	91	32.8	72.4	22.4	67	19.4	1965
10	79.5	26.4	86.8	30.4	92	33.3	92	33.3	72.1	22.3	68	20.0	1971*
11	79.1	26.2	87.2	30.7	94	34.4	94	34.4	71.0	21.7	67	19.4	1968
12	79.2	26.2	87.0	30.6	92	33.3	92	33.3	71.5	21.9	66	18.9	1971
13	79.2	26.2	86.5	30.3	91	32.8	91	32.8	71.9	22.2	66	18.9	1971
14	78.8	26.0	86.7	30.4	94	34.4	94	34.4	70.9	21.6	65	18.3	1971
15	79.2	26.2	87.3	30.7	93	33.9	93	33.9	71.0	21.7	68	20.0	1974
16	79.1	26.2	87.0	30.6	91	32.8	91	32.8	71.1	21.7	68	20.0	1976
17	78.7	25.9	86.7	30.4	93	33.9	93	33.9	70.7	21.5	67	19.4	1962
18	78.5	25.8	86.7	30.4	92	33.3	92	33.3	70.2	21.2	65	18.3	1975
19	78.8	26.0	87.0	30.6	93	33.9	93	33.9	70.6	21.4	67	19.4	1961
20	78.8	26.0	87.1	30.6	94	34.4	94	34.4	70.6	21.4	67	19.4	1959
21	78.9	26.1	87.0	30.6	93	33.9	93	33.9	70.8	21.6	65	18.3	1969
22	79.0	26.1	87.8	31.0	94	34.4	94	34.4	70.3	21.3	64	17.8	1970
23	78.9	26.1	86.6	30.3	92	33.3	92	33.3	71.3	21.8	67	19.4	1962
24	79.7	26.5	87.6	30.9	94	34.4	94	34.4	71.9	22.2	69	20.6	1967*
25	79.2	26.2	87.2	30.7	93	33.9	93	33.9	71.3	21.8	68	20.0	1967
26	79.3	26.3	86.8	30.4	93	33.9	93	33.9	71.8	22.1	69	20.6	1972*
27	80.3	26.6	88.2	31.2	92	33.3	92	33.3	72.4	22.4	70	21.1	1976*
28	80.0	26.7	87.7	30.9	92	33.3	92	33.3	72.3	22.4	69	20.6	1970
29	79.7	26.5	87.4	30.8	91	32.8	91	32.8	71.9	22.2	70	21.1	1974*
30	79.8	26.6	88.2	31.2	93	33.9	93	33.9	71.5	21.9	66	18.9	1962
31	79.7	26.5	87.8	31.0	91	32.8	91	32.8	71.5	21.9	67	19.4	1970
Monthly	79.4	26.3	87.2	30.7	94	34.4	94	34.4	71.6	22.0	64	17.8	1970

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

41231

CUBI PT., PHILIPPINES

1959-1977

FEBRUARY

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		AVERAGE		EXTREME		AVERAGE		EXTREME		AVERAGE		EXTREME		DATE
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	
1	79.6	26.4	87.4	30.8	92	33.3	71.7	22.1	68	20.0	71.7	22.1	68	20.0	1976*
2	79.7	26.5	87.3	30.7	92	33.3	72.1	22.3	62	16.7	72.1	22.3	62	16.7	1962
3	79.3	26.3	87.4	30.8	93	33.9	71.2	21.8	68	20.0	71.2	21.8	68	20.0	1976*
4	79.1	26.2	87.7	30.9	93	33.9	70.5	21.4	65	18.3	70.5	21.4	65	18.3	1976
5	79.2	26.2	87.7	30.9	94	34.4	70.8	21.6	65	18.3	70.8	21.6	65	18.3	1976
6	79.5	26.4	87.2	30.7	93	33.9	71.8	22.1	68	20.0	71.8	22.1	68	20.0	1965
7	79.7	26.5	88.2	31.2	95	35.0	71.3	21.8	68	20.0	71.3	21.8	68	20.0	1971
8	79.8	26.6	88.1	31.2	92	33.3	71.5	21.9	67	19.4	71.5	21.9	67	19.4	1976*
9	79.9	26.6	88.4	31.3	93	33.9	71.4	21.9	68	20.0	71.4	21.9	68	20.0	1967*
10	79.9	26.6	88.6	31.4	92	33.3	71.2	21.8	65	18.3	71.2	21.8	65	18.3	1977
11	80.5	26.9	88.8	31.6	93	33.9	72.2	22.3	66	18.9	72.2	22.3	66	18.9	1974
12	80.7	27.1	88.9	31.6	95	35.0	72.5	22.5	68	20.0	72.5	22.5	68	20.0	1970
13	81.0	27.2	89.5	31.9	95	35.0	72.4	22.4	67	19.4	72.4	22.4	67	19.4	1962
14	80.8	27.1	89.6	32.0	95	35.0	71.9	22.2	65	18.3	71.9	22.2	65	18.3	1970
15	80.7	27.1	89.4	31.9	94	34.4	72.0	22.2	68	20.0	72.0	22.2	68	20.0	1970
16	81.1	27.3	89.3	31.8	94	34.4	72.9	22.7	68	20.0	72.9	22.7	68	20.0	1970*
17	80.8	27.1	89.3	31.8	94	34.4	72.2	22.3	66	18.9	72.2	22.3	66	18.9	1970
18	80.2	26.8	89.1	31.7	95	35.0	71.4	21.9	67	19.4	71.4	21.9	67	19.4	1976*
19	80.9	27.2	90.2	32.3	95	35.0	71.6	22.0	67	19.4	71.6	22.0	67	19.4	1962
20	80.6	27.0	89.8	32.1	96	35.6	71.4	21.9	67	19.4	71.4	21.9	67	19.4	1962
21	81.1	27.3	90.3	32.4	97	36.1	71.9	22.2	64	17.8	71.9	22.2	64	17.8	1964
22	81.6	27.6	90.8	32.7	95	35.0	72.4	22.4	67	19.4	72.4	22.4	67	19.4	1967
23	81.4	27.4	90.6	32.6	96	35.6	72.3	22.4	69	20.6	72.3	22.4	69	20.6	1977*
24	81.5	27.5	90.4	32.4	95	35.0	72.6	22.6	68	20.0	72.6	22.6	68	20.0	1963
25	81.7	27.6	90.5	32.5	96	35.6	72.9	22.7	68	20.0	72.9	22.7	68	20.0	1963
26	81.5	27.5	90.2	32.3	95	35.0	72.8	22.7	67	19.4	72.8	22.7	67	19.4	1975
27	81.6	27.6	90.0	32.2	95	35.0	73.1	22.8	70	21.1	73.1	22.8	70	21.1	1963
28	80.9	27.2	89.3	31.8	94	34.4	72.4	22.4	67	19.4	72.4	22.4	67	19.4	1968
29	80.9	27.2	89.0	31.7	92	33.3	72.8	22.7	68	20.0	72.8	22.7	68	20.0	1968
30															
31															
Monthly	80.5	26.9	89.1	31.7	97	36.1	72.0	22.2	62	16.7	72.0	22.2	62	16.7	1962

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

41231

CUBI PT., PHILIPPINES

1959-1977

MARCH

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		AVERAGE		EXTREME		DATE		AVERAGE		EXTREME		DATE	
	° F	° C	° F	° C	° F	° C	DATE	DATE	° F	° C	° F	° C	DATE	DATE
1	81.1	27.3	89.5	31.9	94	34.4	1977	1977	72.6	22.6	68	20.0	1963	1963
2	81.3	27.4	90.1	32.3	95	35.0	1964	1964	72.5	22.5	66	18.9	1963	1963
3	81.2	27.3	89.4	31.9	93	33.9	1976*	1976*	73.1	22.8	67	19.4	1972*	1972*
4	82.1	27.8	90.6	32.6	97	36.1	1971	1971	73.6	23.1	68	20.0	1963	1963
5	81.7	27.6	90.2	32.3	95	35.0	1973*	1973*	73.3	22.9	68	20.0	1977*	1977*
6	81.2	27.3	89.7	32.1	93	33.9	1975*	1975*	72.6	22.6	67	19.4	1977	1977
7	81.3	27.4	90.5	32.5	94	34.4	1975*	1975*	72.2	22.3	65	18.3	1972	1972
8	81.7	27.6	91.3	32.9	96	35.6	1964	1964	72.2	22.3	66	18.9	1972	1972
9	81.9	27.7	90.8	32.7	94	34.4	1974	1974	72.9	22.7	67	19.4	1972*	1972*
10	81.7	27.6	90.7	32.6	94	34.4	1975*	1975*	72.8	22.7	68	20.0	1977	1977
11	82.1	27.8	91.4	33.0	94	34.4	1975*	1975*	72.7	22.6	68	20.0	1977	1977
12	81.8	27.7	90.5	32.5	94	34.4	1975*	1975*	73.2	22.9	68	20.0	1972	1972
13	82.3	27.9	91.5	33.1	95	35.0	1975	1975	73.2	22.9	69	20.6	1977*	1977*
14	82.3	27.9	91.4	33.0	94	34.4	1975*	1975*	73.2	22.9	66	18.9	1977	1977
15	82.5	28.1	91.8	33.2	99	37.2	1969	1969	73.1	22.8	69	20.6	1977*	1977*
16	82.2	27.9	91.5	33.1	94	34.4	1969	1969	73.0	22.8	68	20.0	1963	1963
17	82.8	28.2	92.1	33.4	97	36.1	1969	1969	73.5	23.1	71	21.7	1971	1971
18	82.5	28.1	91.4	33.0	96	35.6	1964	1964	73.6	23.1	70	21.1	1971*	1971*
19	82.8	28.2	92.0	33.3	100	37.8	1969	1969	73.6	23.1	70	21.1	1971	1971
20	82.9	28.3	91.8	33.2	99	37.2	1969	1969	74.0	23.3	71	21.7	1967*	1967*
21	83.0	28.3	91.9	33.3	96	35.6	1970*	1970*	74.1	23.4	69	20.6	1971	1971
22	83.8	28.8	92.6	33.7	97	36.1	1963	1963	75.0	23.9	72	22.2	1965	1965
23	83.5	28.6	92.3	33.5	98	36.7	1964	1964	74.7	23.7	70	21.1	1971	1971
24	83.8	28.8	92.5	33.6	98	36.7	1977	1977	75.2	24.0	72	22.2	1976*	1976*
25	83.9	28.8	92.2	33.4	98	36.7	1974	1974	75.7	24.3	73	22.8	1969	1969
26	84.0	28.9	93.4	34.1	98	36.7	1974	1974	74.6	23.7	72	22.2	1977*	1977*
27	83.7	28.7	92.8	33.8	97	36.1	1977*	1977*	74.6	23.7	69	20.6	1976	1976
28	84.1	28.9	92.6	33.7	99	37.2	1977*	1977*	75.5	24.2	73	22.8	1976	1976
29	84.1	28.9	93.3	34.1	99	37.2	1977	1977	74.8	23.8	71	21.7	1963	1963
30	84.1	28.9	93.1	33.9	99	37.2	1977	1977	75.1	23.9	72	22.2	1967	1967
31	83.8	28.8	92.9	33.8	97	36.1	1977*	1977*	74.6	23.7	72	22.2	1964*	1964*
Monthly	82.6	28.1	91.5	33.1	100	37.8	1969	1969	73.7	23.2	65	18.3	1972	1972

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

DAILY AVERAGE/EXTREME TEMPERATURES

5725 DAILY AVERAGE/EXTREME TEMP MAR 1976

41231 CUBI PT., PHILIPPINES 1958-1977 APRIL MONTH

STATION NAME YEARS

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		AVERAGE		MINIMUM TEMP		DATE
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	
1	84.2	29.0	92.9	33.8	98	36.7	75.6	24.2	71	21.7	1976
2	84.1	28.9	93.3	34.1	97	36.1	74.9	23.8	70	21.1	1963
3	84.6	29.2	93.6	34.2	99	37.2	75.5	24.2	72	22.2	1976
4	84.5	29.2	93.9	34.4	99	37.2	75.0	23.9	70	21.1	1963
5	85.0	29.4	94.2	34.6	100	37.8	75.8	24.3	70	21.1	1963
6	84.9	29.4	94.4	34.7	99	37.2	75.5	24.2	68	20.0	1963
7	84.9	29.4	94.0	34.4	100	37.8	75.7	24.3	72	22.2	1965*
8	84.4	29.1	93.4	34.1	99	37.2	75.3	24.1	72	22.2	1963*
9	85.2	29.6	93.9	34.4	100	37.8	76.4	24.7	72	22.2	1971
10	85.3	29.6	94.4	34.7	100	37.8	76.1	24.5	73	22.8	1964
11	85.1	29.5	94.3	34.6	99	37.2	75.9	24.4	72	22.2	1958
12	85.5	29.7	94.7	34.8	100	37.8	76.2	24.6	74	23.3	1977*
13	85.1	29.5	94.3	34.6	99	37.2	75.9	24.4	70	21.1	1963
14	84.7	29.3	93.5	34.2	101	38.3	75.8	24.3	71	21.7	1976
15	84.3	29.1	93.1	33.9	99	37.2	75.5	24.2	72	22.2	1971*
16	85.4	29.7	94.3	34.6	99	37.2	76.4	24.7	72	22.2	1971
17	86.0	30.0	94.6	34.8	98	36.7	77.3	25.2	74	23.3	1958
18	85.8	29.9	94.5	34.7	99	37.2	77.0	25.0	74	23.3	1973*
19	85.9	29.9	94.7	34.8	101	38.3	77.1	25.1	74	23.3	1966
20	85.6	29.8	94.4	34.7	101	38.3	76.8	24.9	74	23.3	1966
21	85.7	29.8	94.7	34.8	100	37.8	76.7	24.8	72	22.2	1976
22	85.3	29.6	94.0	34.4	100	37.8	76.6	24.8	72	22.2	1968
23	85.2	29.6	94.2	34.6	101	38.3	76.2	24.6	74	23.3	1959
24	85.6	29.8	94.7	34.8	101	38.3	76.5	24.7	73	22.8	1972*
25	86.1	30.1	94.9	34.9	101	38.3	77.3	25.2	75	23.9	1976*
26	85.6	29.8	94.7	34.8	100	37.8	76.4	24.7	74	23.3	1976*
27	85.6	29.8	94.2	34.6	99	37.2	76.9	24.9	74	23.3	1958
28	85.9	29.9	94.2	34.6	100	37.8	77.5	25.3	73	22.8	1976
29	86.2	30.1	94.7	34.8	100	37.8	77.7	25.4	75	23.9	1969*
30	86.5	30.3	95.3	35.2	100	37.8	77.7	25.4	75	23.9	1971*
31											
Monthly	85.3	29.6	94.2	34.6	101	38.3	76.3	24.6	68	20.0	1963

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

5725 DAILY AVERAGE/EXTREME TEMP MONTHLY 1978

STATION
41231

STATION NAME
CUBI PT., PHILIPPINES

YEARS
1957-1977

MONTH
MAY

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		AVERAGE		EXTREME		DATE		MINIMUM TEMP		EXTREME		DATE	
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C
1	86.0	30.0	94.6	34.8	101	38.3	77.3	25.2	73	22.8	1977	73	22.8	1971	73	22.8	1971	73
2	85.9	29.9	94.4	34.7	99	37.2	77.4	25.2	73	22.8	1969*	73	22.8	1966	73	22.8	1966	73
3	86.1	30.1	94.7	34.8	100	37.8	77.5	25.3	71	21.7	1977	71	21.7	1966	71	21.7	1966	71
4	86.0	30.0	94.4	34.7	100	37.6	77.7	25.4	71	21.7	1972	71	21.7	1966	71	21.7	1966	71
5	86.1	30.1	94.4	34.7	99	37.2	77.9	25.5	74	23.3	1972	74	23.3	1966	74	23.3	1966	74
6	86.6	30.3	95.7	35.4	101	38.3	77.5	25.3	74	23.3	1969	74	23.3	1963	74	23.3	1963	74
7	87.0	30.6	95.7	35.4	102	38.9	78.3	25.7	74	23.3	1977	74	23.3	1968	74	23.3	1968	74
8	87.1	30.6	95.9	35.5	101	38.3	78.3	25.7	75	23.9	1977*	75	23.9	1977*	75	23.9	1977*	75
9	86.0	30.0	94.5	34.7	101	38.3	77.6	25.3	74	23.3	1977	74	23.3	1972	74	23.3	1972	74
10	85.9	29.9	94.0	34.4	100	37.8	77.8	25.4	74	23.3	1977*	74	23.3	1966	74	23.3	1966	74
11	86.0	30.0	94.0	34.4	101	38.3	78.1	25.6	72	22.2	1975*	72	22.2	1966	72	22.2	1966	72
12	86.0	30.0	94.0	34.4	101	38.3	78.1	25.6	74	23.3	1977	74	23.3	1966	74	23.3	1966	74
13	85.6	29.8	93.5	34.2	101	38.3	77.7	25.4	73	22.8	1977	73	22.8	1971	73	22.8	1971	73
14	85.7	29.8	93.7	34.3	100	37.8	77.7	25.4	75	23.9	1963	75	23.9	1969*	75	23.9	1969*	75
15	85.8	29.9	93.8	34.3	100	37.8	77.9	25.5	74	23.3	1963	74	23.3	1971	74	23.3	1971	74
16	85.8	29.9	94.0	34.4	100	37.8	77.7	25.4	75	23.9	1968	75	23.9	1971*	75	23.9	1971*	75
17	85.6	29.8	93.3	34.1	99	37.2	77.9	25.5	74	23.3	1964*	74	23.3	1970	74	23.3	1970	74
18	85.0	29.4	92.4	33.6	100	37.8	77.6	25.3	73	22.8	1963	73	22.8	1966	73	22.8	1966	73
19	84.2	29.0	91.4	33.0	99	37.2	77.0	25.0	72	22.2	1963	72	22.2	1976*	72	22.2	1976*	72
20	84.5	29.2	91.5	33.1	96	35.6	77.4	25.2	73	22.8	1963	73	22.8	1976	73	22.8	1976	73
21	85.0	29.4	92.1	33.4	101	38.3	77.9	25.5	74	23.3	1973	74	23.3	1966	74	23.3	1966	74
22	85.0	29.4	92.8	33.8	102	38.9	77.3	25.2	73	22.8	1973	73	22.8	1968	73	22.8	1968	73
23	84.5	29.2	91.5	33.1	100	37.8	77.6	25.3	74	23.3	1971	74	23.3	1976*	74	23.3	1976*	74
24	84.1	28.9	90.8	32.7	98	36.7	77.4	25.2	73	22.8	1974	73	22.8	1972	73	22.8	1972	73
25	83.4	28.6	89.8	32.1	97	36.1	77.0	25.0	73	22.8	1971*	73	22.8	1972*	73	22.8	1972*	73
26	83.6	28.7	90.4	32.4	99	37.2	76.9	24.9	72	22.2	1975*	72	22.2	1976	72	22.2	1976	72
27	83.0	28.3	89.4	31.9	99	37.2	76.6	24.8	71	21.7	1963	71	21.7	1976	71	21.7	1976	71
28	83.3	28.5	89.9	32.2	99	37.2	76.6	24.8	72	22.2	1973	72	22.2	1976	72	22.2	1976	72
29	83.6	28.7	90.3	32.4	101	38.3	77.0	25.0	73	22.8	1973	73	22.8	1976*	73	22.8	1976*	73
30	83.2	28.4	89.7	32.1	100	37.8	76.7	24.8	74	23.3	1973	74	23.3	1975*	74	23.3	1975*	74
31	83.5	28.6	90.1	32.3	100	37.8	76.9	24.9	73	22.8	1973	73	22.8	1967*	73	22.8	1967*	73
Monthly	85.1	29.5	92.8	33.8	102	38.9	77.5	25.3	71	21.7	1977*	71	21.7	1976*	71	21.7	1976*	71

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

41231

CUBI PT., PHILIPPINES

1957-1977

JUNE

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		AVERAGE		EXTREME		DATE		AVERAGE		EXTREME		DATE	
	° F	° C	° F	° C	° F	° C			° F	° C	° F	° C		
1	83.1	28.4	89.3	31.8	97	36.1	1973*		76.8	24.9	72	22.2	1967	
2	82.6	28.1	89.0	31.7	98	36.7	1973		76.3	24.6	72	22.2	1967	
3	82.6	28.1	89.1	31.7	95	35.0	1976		76.1	24.5	71	21.7	1967	
4	82.2	27.9	88.3	31.3	94	34.4	1976*		76.1	24.5	72	22.2	1975*	
5	82.8	28.2	89.4	31.9	98	36.7	1976		76.2	24.6	72	22.2	1964	
6	82.7	28.2	88.8	31.6	100	37.8	1976		76.5	24.7	72	22.2	1964	
7	82.8	28.2	89.4	31.9	96	35.6	1976		76.1	24.5	73	22.8	1972	
8	82.2	27.9	88.7	31.5	97	36.1	1977		75.6	24.2	70	21.1	1963	
9	82.9	28.3	89.0	31.7	98	36.7	1977		76.7	24.8	74	23.3	1972*	
10	82.6	28.1	88.9	31.6	97	36.1	1977		76.3	24.6	73	22.8	1967	
11	82.5	28.1	89.1	31.7	96	35.6	1977		75.9	24.4	73	22.8	1972*	
12	82.1	27.8	88.1	31.2	96	35.6	1977*		76.1	24.5	73	22.8	1972	
13	82.8	28.2	89.0	31.7	96	35.6	1968		76.6	24.8	73	22.8	1969	
14	82.9	28.3	89.6	32.0	96	35.6	1968		76.1	24.5	72	22.2	1963	
15	82.3	27.9	88.8	31.6	97	36.1	1968		75.8	24.3	73	22.8	1970*	
16	83.1	28.4	89.6	32.0	98	36.7	1968*		76.5	24.7	73	22.8	1971	
17	83.0	28.3	89.2	31.8	95	35.0	1959		76.8	24.9	72	22.2	1964	
18	82.7	28.2	89.2	31.8	93	33.9	1968*		76.3	24.6	74	23.3	1976*	
19	83.1	28.4	89.5	31.9	96	35.6	1972		76.7	24.8	73	22.8	1965	
20	83.1	28.4	89.4	31.9	95	35.0	1964		76.8	24.9	73	22.8	1964	
21	83.3	28.5	89.8	32.1	95	35.0	1969		76.8	24.9	75	23.9	1975*	
22	83.2	28.4	90.0	32.2	95	35.0	1977*		76.3	24.6	73	22.8	1972*	
23	83.0	28.3	89.7	32.1	96	35.6	1969		76.3	24.6	72	22.2	1964	
24	82.9	28.3	89.4	31.9	98	36.7	1959		76.3	24.6	73	22.8	1972	
25	82.4	28.0	88.7	31.5	94	34.4	1973*		76.0	24.4	71	21.7	1964	
26	82.7	28.2	88.9	31.6	93	33.9	1973		76.5	24.7	73	22.8	1971*	
27	82.8	28.2	89.3	31.8	98	36.7	1973		76.4	24.7	72	22.2	1964	
28	82.0	27.8	87.9	31.1	96	35.6	1973		76.0	24.4	70	21.1	1960	
29	82.2	27.9	88.2	31.2	94	34.4	1973		76.1	24.5	73	22.8	1968	
30	82.1	27.8	88.3	31.3	92	33.3	1974*		75.9	24.4	70	21.1	1968	
31														
Monthly	82.7	28.2	89.1	31.7	100	37.8	1976		76.3	24.6	70	21.1	1968*	

* ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

25 DAILY AVERAGE/EXTREME TEMP MAR 1978

STATION 41231 CUBI PT., PHILIPPINES STATION NAME 1957-1977 YEARS MONTH JULY

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		AVERAGE		MINIMUM TEMP		DATE
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	
1	82.0	27.8	88.3	31.3	92	33.3	75.6	24.2	68	20.0	1964
2	82.5	28.1	89.0	31.7	93	33.9	76.0	24.4	74	23.3	1965
3	83.4	28.6	89.8	32.1	95	35.0	77.1	25.1	74	23.3	1964
4	82.8	28.2	89.2	31.8	96	35.6	76.5	24.7	73	22.8	1974
5	82.2	27.9	88.6	31.4	97	36.1	75.8	24.3	72	22.2	1967
6	82.2	27.9	88.6	31.4	94	34.4	75.8	24.3	70	21.1	1967
7	82.0	27.8	87.9	31.1	95	35.0	76.0	24.4	70	21.1	1967
8	82.1	27.8	88.6	31.4	95	35.0	75.6	24.2	70	21.1	1967
9	82.0	27.8	88.1	31.2	95	35.0	75.9	24.4	72	22.2	1972
10	81.6	27.6	87.9	31.1	94	34.4	75.4	24.1	71	21.7	1964
11	81.6	27.6	87.6	30.9	93	33.9	75.5	24.2	70	21.1	1964
12	81.7	27.6	87.9	31.1	93	33.9	75.4	24.1	70	21.1	1967
13	81.7	27.6	87.8	31.0	95	35.0	75.5	24.2	73	22.8	1971*
14	81.6	27.6	87.7	30.9	95	35.0	75.5	24.2	72	22.2	1971
15	82.5	28.1	89.2	31.8	97	36.1	75.8	24.3	74	23.3	1971*
16	82.0	27.8	88.4	31.3	97	36.1	75.6	24.2	73	22.8	1967*
17	81.6	27.6	87.5	30.8	96	35.6	75.7	24.3	72	22.2	1970*
18	81.0	27.2	86.4	30.2	95	35.0	75.6	24.2	72	22.2	1967
19	81.5	27.5	87.3	30.7	96	35.6	75.7	24.3	68	20.0	1964
20	81.2	27.3	86.6	30.3	95	35.0	75.7	24.3	70	21.1	1964
21	81.4	27.4	87.1	30.6	94	34.4	75.6	24.2	73	22.8	1970*
22	81.2	27.3	86.7	30.4	95	35.0	75.8	24.3	73	22.8	1967*
23	80.9	27.2	86.3	30.2	95	35.0	75.5	24.2	72	22.2	1965
24	80.3	26.8	85.9	29.9	93	33.9	74.7	23.7	71	21.7	1962
25	80.3	26.8	85.9	29.9	95	35.0	74.7	23.7	72	22.2	1964
26	80.4	26.9	85.9	29.9	94	34.4	75.0	23.9	72	22.2	1971
27	80.7	27.1	86.3	30.2	95	35.0	75.2	24.0	72	22.2	1976*
28	80.7	27.1	86.6	30.3	93	33.9	74.8	23.8	69	20.6	1971
29	81.3	27.4	86.9	30.3	94	34.4	75.7	24.3	72	22.2	1967
30	81.2	27.3	87.1	30.6	92	33.3	75.3	24.1	72	22.2	1971*
31	81.2	27.3	87.3	30.7	92	33.3	75.2	24.0	71	21.7	1971
Monthly	81.6	27.6	87.6	30.9	97	36.1	75.6	24.2	68	20.0	1964

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

41231

CUBI PT., PHILIPPINES

1957-1977

AUGUST

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		EXTREME		DATE		AVERAGE		MINIMUM TEMP		EXTREME		DATE	
	° F	° C	° F	° C	° F	° C	° F	° C	DATE	DATE	° F	° C	° F	° C	° F	° C	DATE	DATE
1	80.7	27.1	86.2	30.1	95	35.0	75.1	23.9	1975*	1975*	75.1	23.9	69	20.6	75.1	23.9	1964	1964
2	80.2	26.8	85.7	29.8	93	33.9	74.8	23.8	1973	1973	74.8	23.8	70	21.1	74.8	23.8	1964	1964
3	80.2	26.8	86.0	30.0	94	34.4	74.4	23.6	1973	1973	74.4	23.6	70	21.1	74.4	23.6	1967*	1967*
4	80.2	26.8	85.5	29.7	94	34.4	74.9	23.8	1973	1973	74.9	23.8	72	22.2	74.9	23.8	1975*	1975*
5	80.2	26.8	85.6	29.8	91	32.8	74.7	23.7	1973	1973	74.7	23.7	70	21.1	74.7	23.7	1971	1971
6	80.2	26.8	85.6	29.8	91	32.8	74.8	23.8	1973	1973	74.8	23.8	70	21.1	74.8	23.8	1971	1971
7	80.4	26.9	85.5	29.7	91	32.8	75.3	24.1	1973*	1973*	75.3	24.1	71	21.7	75.3	24.1	1971*	1971*
8	80.3	26.8	85.4	29.7	94	34.4	75.1	23.9	1965	1965	75.1	23.9	71	21.7	75.1	23.9	1964	1964
9	80.1	26.7	85.4	29.7	91	32.8	74.8	23.8	1964*	1964*	74.8	23.8	69	20.6	74.8	23.8	1971	1971
10	81.0	27.2	87.2	30.7	92	33.3	74.8	23.8	1973	1973	74.8	23.8	71	21.7	74.8	23.8	1971*	1971*
11	80.8	27.1	86.6	30.3	93	33.9	75.0	23.9	1969	1969	75.0	23.9	70	21.1	75.0	23.9	1964	1964
12	81.3	27.4	87.2	30.7	93	33.9	75.5	24.2	1969	1969	75.5	24.2	70	21.1	75.5	24.2	1964	1964
13	81.4	27.4	87.4	30.8	93	33.9	75.4	24.1	1976*	1976*	75.4	24.1	70	21.1	75.4	24.1	1964	1964
14	80.5	26.9	86.1	30.1	94	34.4	74.8	23.8	1969	1969	74.8	23.8	68	20.0	74.8	23.8	1964	1964
15	80.5	26.9	86.3	30.2	93	33.9	74.7	23.7	1969	1969	74.7	23.7	71	21.7	74.7	23.7	1971*	1971*
16	80.9	27.2	86.4	30.2	93	33.9	75.3	24.1	1971*	1971*	75.3	24.1	72	22.2	75.3	24.1	1977*	1977*
17	80.8	27.1	86.0	30.0	93	33.9	75.6	24.2	1971*	1971*	75.6	24.2	71	21.7	75.6	24.2	1972	1972
18	80.7	27.1	86.1	30.1	94	34.4	75.3	24.1	1971	1971	75.3	24.1	71	21.7	75.3	24.1	1972	1972
19	80.6	27.0	85.8	29.9	92	33.3	75.4	24.1	1971	1971	75.4	24.1	70	21.1	75.4	24.1	1972	1972
20	80.7	27.1	85.7	29.8	94	34.4	75.6	24.3	1971	1971	75.6	24.3	71	21.7	75.6	24.3	1967	1967
21	81.0	27.2	86.3	30.2	95	35.0	75.7	24.3	1969	1969	75.7	24.3	72	22.2	75.7	24.3	1967	1967
22	81.0	27.2	86.2	30.1	94	34.4	75.7	24.3	1971*	1971*	75.7	24.3	71	21.7	75.7	24.3	1964	1964
23	80.8	27.1	86.4	30.2	95	35.0	75.2	24.0	1969	1969	75.2	24.0	70	21.1	75.2	24.0	1964	1964
24	81.2	27.3	86.3	30.2	95	35.0	76.0	24.4	1971*	1971*	76.0	24.4	73	22.8	76.0	24.4	1975	1975
25	81.7	27.6	87.6	30.9	96	35.6	75.8	24.3	1969	1969	75.8	24.3	73	22.8	75.8	24.3	1975	1975
26	81.3	27.4	87.4	30.8	92	33.3	75.3	24.1	1976*	1976*	75.3	24.1	72	22.2	75.3	24.1	1975*	1975*
27	81.1	27.3	86.9	30.5	93	33.9	75.2	24.0	1969	1969	75.2	24.0	71	21.7	75.2	24.0	1972	1972
28	81.1	27.3	86.7	30.4	94	34.4	75.5	24.2	1976*	1976*	75.5	24.2	72	22.2	75.5	24.2	1967	1967
29	80.8	27.1	86.9	30.5	94	34.4	74.7	23.7	1976	1976	74.7	23.7	72	22.2	74.7	23.7	1975	1975
30	80.7	27.1	85.9	29.9	92	33.3	75.4	24.1	1976*	1976*	75.4	24.1	73	22.8	75.4	24.1	1972	1972
31	81.3	27.4	87.5	30.8	95	35.0	75.2	24.0	1964	1964	75.2	24.0	72	22.2	75.2	24.0	1971	1971
Monthly	80.8	27.1	86.3	30.2	96	35.6	75.2	24.0	1969	1969	75.2	24.0	68	20.0	75.2	24.0	1964	1964

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

41231

CUBI PT., PHILIPPINES

1957-1977

SEPTEMBER

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		EXTREME		AVERAGE		MINIMUM TEMP		DATE
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	
1	81.5	27.5	87.4	30.8	96	35.6	96	35.6	75.6	24.2	72	22.2	1967
2	81.2	27.3	87.1	30.6	93	33.9	93	33.9	75.2	24.0	70	21.1	1971
3	80.8	27.1	86.1	30.1	92	33.3	92	33.3	75.6	24.2	72	22.2	1967
4	80.5	26.9	86.0	30.0	92	33.3	92	33.3	75.1	23.9	72	22.2	1967
5	80.2	26.8	85.3	29.6	93	33.9	93	33.9	75.0	23.9	71	21.7	1977
6	81.2	27.3	87.2	30.7	96	35.6	96	35.6	75.2	24.0	72	22.2	1971*
7	81.2	27.3	87.2	30.7	94	34.4	94	34.4	75.2	24.0	72	22.2	1967*
8	81.3	27.4	87.1	30.6	95	35.0	95	35.0	75.4	24.1	72	22.2	1971
9	81.0	27.2	86.5	30.3	93	33.9	93	33.9	75.4	24.1	73	22.8	1971*
10	81.2	27.3	86.9	30.5	92	33.3	92	33.3	75.5	24.2	73	22.8	1972
11	80.8	27.1	86.6	30.3	94	34.4	94	34.4	75.0	23.9	70	21.1	1971
12	80.9	27.2	86.3	30.2	93	33.9	93	33.9	75.4	24.1	71	21.7	1971
13	81.3	27.4	87.2	30.7	94	34.4	94	34.4	75.4	24.1	71	21.7	1971
14	81.4	27.4	86.7	30.4	96	35.6	96	35.6	76.0	24.4	74	23.3	1975*
15	81.2	27.3	86.9	30.5	94	34.4	94	34.4	75.4	24.1	71	21.7	1975
16	81.2	27.3	87.3	30.7	93	33.9	93	33.9	75.1	23.9	72	22.2	1976*
17	81.3	27.4	87.2	30.7	94	34.4	94	34.4	75.4	24.1	74	23.3	1977*
18	80.6	27.0	86.3	30.2	92	33.3	92	33.3	74.8	23.8	72	22.2	1966*
19	80.8	27.1	87.2	30.7	93	33.9	93	33.9	74.4	23.6	71	21.7	1966
20	81.7	27.6	88.3	31.3	93	33.9	93	33.9	75.0	23.9	72	22.2	1971
21	81.5	27.5	87.5	30.8	93	33.9	93	33.9	75.5	24.2	73	22.8	1976*
22	81.4	27.4	87.5	30.8	95	35.0	95	35.0	75.4	24.1	73	22.8	1976*
23	81.6	27.6	87.7	30.9	94	34.4	94	34.4	75.5	24.2	72	22.2	1976
24	81.6	27.6	87.8	31.0	93	33.9	93	33.9	75.3	24.1	72	22.2	1971
25	81.7	27.6	88.1	31.2	93	33.9	93	33.9	75.4	24.1	73	22.8	1976*
26	82.1	27.8	88.7	31.5	94	34.4	94	34.4	75.5	24.2	71	21.7	1976
27	81.9	27.7	88.5	31.4	93	33.9	93	33.9	75.2	24.0	73	22.8	1971*
28	81.4	27.4	87.7	30.9	92	33.3	92	33.3	75.1	23.9	72	22.2	1976
29	81.5	27.5	87.8	31.0	92	33.3	92	33.3	75.2	24.0	73	22.8	1964*
30	81.9	27.7	88.5	31.4	92	33.3	92	33.3	75.2	24.0	72	22.2	1976*
31													
Monthly	81.3	27.4	87.2	30.7	96	35.6	96	35.6	75.3	24.1	70	21.1	1971

* ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

41231

CUBI PT., PHILIPPINES

1955-1955 1957-1977

OCTOBER

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		EXTREME		AVERAGE		MINIMUM TEMP		DATE
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	
1	82.4	28.0	89.0	31.7	95	35.0	95	35.0	75.8	24.3	72	22.2	1971
2	82.5	28.1	89.1	31.7	96	36.7	96	36.7	75.9	24.4	72	22.2	1976*
3	82.4	28.0	88.9	31.6	97	36.1	97	36.1	75.9	24.4	72	22.2	1971
4	82.6	28.1	89.4	31.9	96	35.6	96	35.6	75.9	24.4	72	22.2	1971
5	82.1	27.8	88.7	31.5	93	33.9	93	33.9	75.5	24.2	70	21.1	1971
6	82.0	27.8	88.4	31.3	93	33.9	93	33.9	75.7	24.3	69	20.6	1971
7	82.6	28.1	89.0	31.7	94	34.4	94	34.4	76.1	24.5	72	22.2	1971
8	81.9	27.7	88.4	31.3	93	33.9	93	33.9	75.4	24.1	72	22.2	1971
9	82.2	27.9	88.6	31.4	93	33.9	93	33.9	75.8	24.3	73	22.8	1961*
10	81.8	27.7	88.2	31.2	93	33.9	93	33.9	75.4	24.1	69	20.6	1971
11	82.0	27.8	88.3	31.3	92	33.3	92	33.3	75.8	24.3	72	22.2	1971
12	81.5	27.5	88.1	31.2	95	35.0	95	35.0	74.8	23.8	70	21.1	1971
13	81.1	27.3	86.6	30.3	93	33.9	93	33.9	75.6	24.2	69	20.6	1971
14	82.2	27.9	89.2	31.8	93	33.9	93	33.9	75.3	24.1	72	22.2	1971
15	82.3	27.9	89.2	31.8	94	34.4	94	34.4	75.3	24.1	73	22.8	1976*
16	82.4	28.0	89.0	31.7	94	34.4	94	34.4	75.7	24.3	72	22.2	1959
17	82.0	27.8	88.5	31.4	93	33.9	93	33.9	75.5	24.2	73	22.8	1968
18	82.4	28.0	89.0	31.7	93	33.9	93	33.9	75.8	24.3	73	22.8	1959
19	82.6	28.1	89.0	31.7	92	33.3	92	33.3	76.1	24.5	73	22.8	1971
20	82.5	28.1	89.3	31.8	94	34.4	94	34.4	75.6	24.2	73	22.8	1963
21	81.7	27.6	88.4	31.3	94	34.4	94	34.4	75.1	23.9	72	22.2	1974
22	82.0	27.8	89.1	31.7	93	33.9	93	33.9	74.9	23.8	71	21.7	1968
23	82.5	28.1	89.8	32.1	94	34.4	94	34.4	75.3	24.1	70	21.1	1968
24	82.9	28.3	90.4	32.4	94	34.4	94	34.4	75.4	24.1	71	21.7	1964
25	82.4	28.0	89.9	32.2	96	35.6	96	35.6	75.0	23.9	71	21.7	1962
26	82.4	28.0	89.6	32.0	95	35.0	95	35.0	75.2	24.0	73	22.8	1967*
27	82.4	28.0	89.4	31.9	96	35.6	96	35.6	75.5	24.2	72	22.2	1968
28	82.4	28.0	90.0	32.2	94	34.4	94	34.4	74.8	23.8	72	22.2	1968
29	82.3	27.9	89.7	32.1	96	35.6	96	35.6	74.9	23.8	71	21.7	1968
30	82.8	28.2	90.0	32.2	97	36.1	97	36.1	75.6	24.2	71	21.7	1976*
31	82.3	27.9	89.9	32.2	96	35.6	96	35.6	74.7	23.7	70	21.1	1971*
Monthly	82.2	27.9	89.0	31.7	98	36.7	98	36.7	75.5	24.2	69	20.6	1971

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION 41231 CUBI PT., PHILIPPINES STATION NAME 1955-1955 1957-1977 YEARS NOVEMBER MONTH

DAY	MEAN TEMP		MAXIMUM TEMP				MINIMUM TEMP				
	AVERAGE		EXTREME		EXTREME		EXTREME				
	° F	° C	° F	° C	° F	° C	° F	° C	DATE		
1	82.0	27.8	89.9	32.2	95	35.0	74.0	23.3	70	21.1	1967
2	81.9	27.7	89.3	31.8	96	35.6	74.5	23.6	69	20.6	1958
3	82.8	28.2	90.4	32.4	95	35.0	75.2	24.0	72	22.2	1958
4	82.5	28.1	90.1	32.3	96	35.6	74.9	23.8	70	21.1	1968
5	82.0	27.8	89.4	31.9	96	35.6	74.6	23.7	70	21.1	1968
6	81.7	27.6	88.8	31.6	94	34.4	74.7	23.7	71	21.7	1968*
7	81.6	27.6	88.4	31.3	94	34.4	74.8	23.8	70	21.1	1971
8	82.0	27.8	88.9	31.6	95	35.0	75.0	23.9	69	20.6	1971
9	81.7	27.6	88.5	31.4	94	34.4	74.8	23.8	72	22.2	1976*
10	82.0	27.8	89.0	31.7	96	35.6	75.0	23.9	72	22.2	1964
11	81.9	27.7	89.4	31.9	93	33.9	74.4	23.6	72	22.2	1975*
12	81.9	27.7	89.4	31.9	95	35.0	74.4	23.6	70	21.1	1968
13	81.0	27.2	87.9	31.1	94	34.4	74.0	23.3	68	20.0	1968
14	81.1	27.3	87.9	31.1	93	33.9	74.2	23.4	68	20.0	1968
15	81.8	27.7	89.2	31.8	94	34.4	74.4	23.6	66	18.9	1968
16	81.7	27.6	89.3	31.8	94	34.4	74.0	23.3	65	18.3	1968
17	81.4	27.4	88.8	31.6	93	33.9	74.0	23.3	69	20.6	1968
18	81.8	27.7	89.0	31.7	94	34.4	74.6	23.7	69	20.6	1973
19	81.1	27.3	88.0	31.1	92	33.3	74.2	23.4	70	21.1	1964
20	81.0	27.2	88.2	31.2	93	33.9	73.8	23.2	69	20.6	1964*
21	81.2	27.3	88.6	31.4	95	35.0	73.7	23.2	69	20.6	1962
22	81.3	27.4	88.4	31.3	93	33.9	74.3	23.5	71	21.7	1977*
23	82.1	27.8	89.6	32.0	99	37.2	74.6	23.7	69	20.6	1968
24	81.5	27.5	88.0	31.1	93	33.9	75.0	23.9	71	21.7	1963
25	81.3	27.4	88.6	31.4	94	34.4	74.0	23.3	70	21.1	1974*
26	81.6	27.6	88.5	31.4	93	33.9	74.6	23.7	71	21.7	1974
27	80.9	27.2	87.8	31.0	96	35.6	73.9	23.3	70	21.1	1974*
28	80.8	27.1	87.4	30.8	96	35.6	74.2	23.4	66	18.9	1968
29	81.0	27.2	87.9	31.1	94	34.4	74.0	23.3	69	20.6	1969*
30	81.6	27.6	88.9	31.6	96	35.6	74.2	23.4	70	21.1	1958
31											
Monthly	81.6	27.6	88.8	31.6	99	37.2	74.4	23.6	65	18.3	1968

* ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

DAILY AVERAGE/EXTREME TEMPERATURES

41231

CUBI PT., PHILIPPINES

1955-1955 1957-1977

DECEMBER

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		EXTREME		DATE		AVERAGE		MINIMUM TEMP		EXTREME		DATE	
	° F	° C	° F	° C	° F	° C	° F	° C	DATE	DATE	° F	° C	° F	° C	° F	° C	DATE	DATE
1	81.4	27.4	88.7	31.5	96	35.6	96	35.6	1968	1968	74.0	23.3	70	21.1	70	21.1	1968	1968
2	81.2	27.3	88.5	31.4	96	35.6	96	35.6	1968	1968	73.9	23.3	69	20.6	69	20.6	1973	1973
3	80.9	27.2	88.5	31.4	95	35.0	95	35.0	1968	1968	73.3	22.9	69	20.6	69	20.6	1968	1968
4	80.6	27.0	87.6	30.9	94	34.4	94	34.4	1968	1968	73.5	23.1	69	20.6	69	20.6	1958	1958
5	80.2	26.8	87.1	30.6	94	34.4	94	34.4	1968	1968	73.2	22.9	68	20.0	68	20.0	1958	1958
6	80.4	26.9	87.8	31.0	95	35.0	95	35.0	1968	1968	73.1	22.8	68	20.0	68	20.0	1974	1974
7	81.2	27.3	88.4	31.3	94	34.4	94	34.4	1968	1968	74.0	23.3	70	21.1	70	21.1	1976	1976
8	80.9	27.2	88.3	31.3	93	33.9	93	33.9	1968	1968	73.4	23.0	69	20.6	69	20.6	1977	1977
9	80.5	26.9	88.3	31.3	95	35.0	95	35.0	1975	1975	72.6	22.6	68	20.0	68	20.0	1962	1962
10	80.4	26.9	87.9	31.1	94	34.4	94	34.4	1975	1975	72.8	22.7	68	20.0	68	20.0	1971	1971
11	80.6	27.0	87.7	30.9	93	33.9	93	33.9	1968	1968	73.5	23.1	67	19.4	67	19.4	1977	1977
12	80.6	27.0	88.0	31.1	95	35.0	95	35.0	1968	1968	73.1	22.8	68	20.0	68	20.0	1977	1977
13	80.9	27.2	87.8	31.0	93	33.9	93	33.9	1968	1968	73.9	23.3	70	21.1	70	21.1	1977	1977
14	80.1	26.7	87.1	30.6	94	34.4	94	34.4	1968	1968	73.1	22.8	68	20.0	68	20.0	1968	1968
15	80.4	26.9	87.4	30.8	94	34.4	94	34.4	1968	1968	73.3	22.9	70	21.1	70	21.1	1968	1968
16	80.1	26.7	87.1	30.6	94	34.4	94	34.4	1976	1976	73.0	22.8	69	20.6	69	20.6	1972	1972
17	80.2	26.8	87.7	30.9	93	33.9	93	33.9	1976	1976	72.6	22.6	68	20.0	68	20.0	1977	1977
18	80.2	26.8	87.3	30.7	91	32.8	91	32.8	1961	1961	73.0	22.8	67	19.4	67	19.4	1968	1968
19	80.4	26.9	87.7	30.9	91	32.8	91	32.8	1976	1976	73.1	22.8	68	20.0	68	20.0	1972	1972
20	80.4	26.9	87.7	30.9	92	33.3	92	33.3	1961	1961	73.1	22.8	68	20.0	68	20.0	1968	1968
21	80.6	27.0	87.9	31.1	94	34.4	94	34.4	1968	1968	73.3	22.9	69	20.6	69	20.6	1977	1977
22	80.3	26.8	87.9	31.1	95	35.0	95	35.0	1968	1968	72.8	22.7	67	19.4	67	19.4	1968	1968
23	80.4	26.9	87.9	31.1	91	32.8	91	32.8	1976	1976	72.8	22.7	69	20.6	69	20.6	1976	1976
24	80.4	26.9	88.0	31.1	93	33.9	93	33.9	1968	1968	72.8	22.7	68	20.0	68	20.0	1972	1972
25	80.2	26.8	88.1	31.2	95	35.0	95	35.0	1968	1968	72.3	22.4	67	19.4	67	19.4	1972	1972
26	79.9	26.6	87.9	31.1	93	33.9	93	33.9	1976	1976	71.9	22.2	66	18.9	66	18.9	1968	1968
27	80.0	26.7	86.9	30.5	91	32.8	91	32.8	1976	1976	73.2	22.9	71	21.7	71	21.7	1975	1975
28	79.5	26.4	86.6	30.3	92	33.3	92	33.3	1976	1976	72.5	22.5	70	21.1	70	21.1	1975	1975
29	79.7	26.5	86.9	30.5	93	33.9	93	33.9	1973	1973	72.4	22.4	67	19.4	67	19.4	1975	1975
30	79.2	26.2	86.1	30.1	90	32.2	90	32.2	1959	1959	72.3	22.4	68	20.0	68	20.0	1972	1972
31	79.9	26.6	87.4	30.8	91	32.8	91	32.8	1959	1959	72.4	22.4	68	20.0	68	20.0	1972	1972
Monthly	80.4	26.9	87.7	30.9	96	35.6	96	35.6	1968	1968	73.1	22.8	66	18.9	66	18.9	1968	1968

* ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION	STATION NAME	YEARS
41231	CUBI POINT, PHILIPPINES	55, 57-77

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT

[illegible]

NAVWEASERVCOM

2

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION	STATION NAME	YEARS
41231	CUBI POINT, PHILIPPINES	55-57-77

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

[illegible]

NAVWEASERVCOM

EXTREME VALUES

MINIMUM TEMPERATURE (FROM DAILY OBSERVATIONS)

41231 CUBI POINT, PHILIPPINES 53, 57-77 YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
55					75					73			
57													
58				72	75	74	72	73	72	74	69	68	
59	67	70	70	73	75	74	73	73	73	72	74	68	67
60	70	70	72	74	74	70	74	74	73	73	73	69	69
61	67	69	72	74	75	73	73	73	73	70	69	68	67
62	66	62	70	74	76	74	71	74	73	71	69	68	62
63	68	68	66	68	73	70	72	72	72	73	71	68	66
64	70	64	70	73	73	71	68	68	72	71	69	69	64
65	66	68	71	72	73	73	71	72	73	73	74	70	66
66	69	70	72	72	71	75	74	75	71	73	73	71	69
67	68	67	70	73	73	71	70	70	72	73	68	68	67
68	67	67	68	72	73	70	73	74	74	70	65	66	65
69	65	69	69	73	74	73	74	73	74	72	69	73	65
70	64	65	72	76	74	73		73	72	74	74	72	
71	65	68	67	71	73	73	69	69	70	69	69	68	65
72	68	67	65	73	73	71	72	70	73	74	73	67	65
73	69	70	70	74	79	76	73	74	75	71	69	69	69
74	67	66	69	74	76	75	73	74	73	72	70	68	66
75	65	67	71	75	74	72	75	72	71	75	70	67	65
76	68	65	69	71	71	73	72	73	71	71	72	69	65
77	68	65	66	74	75	74	74	72	71	73	69	67	65
MEAN	67.2	67.2	69.4	72.9	74.0	72.8	72.3	72.4	72.4	72.2	70.5	68.7	65.9
S. D.	1.718	2.275	2.168	1.714	1.774	1.773	1.821	1.847	1.231	1.546	2.438	1.725	1.830
TOTAL OBS.	589	537	589	600	651	600	589	620	600	651	600	620	7246

NAVWEASERVCOM

5723 Extreme Values Jan 1969

2

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION	STATION NAME	YEARS
41231	CUBI POINT, PHILIPPINES	55, 57-77

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

[illegible]

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

41231

CUBI POINT, PHILIPPINES

73-77

JAN

STATION

STATION NAME

YEARS

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PAGE 1

HOURS (L.S.T.)

05 PSYCHROMETRIC SUMMARY JAN 68

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
94/ 93									.1	.2	.1							1	1					
92/ 91								.1	.2	.1	.2							7	7					
90/ 89								.2	1.5	.6	.4							34	34					
88/ 87					.2	1.1	2.1	1.3	.8	.1								69	69					
86/ 85				.5	.6	3.1	2.4	2.7	.5	.2								120	120					
84/ 83					.5	2.5	3.3	2.7	.6	.4	.1							126	126					
82/ 81			.1	1.5	1.8	1.0	1.9	.5	.1									85	85					
80/ 79		.2	1.6	2.7	1.9	.7	.4	.1										95	95	6	1			
78/ 77		.9	4.0	5.2	2.7	.4	.1											164	164	66	1			
76/ 75	.2	2.7	6.0	5.5	3.1	.6	.2											226	226	182	36			
74/ 73	1.0	4.0	5.4	5.2	1.1	.5												213	213	292	157			
72/ 71	.1	1.9	2.4	1.3	.6	.2												79	79	298	222			
70/ 69	.2	.6	.5	.2														19	19	220	275			
68/ 67		.1	.1															2	2	128	212			
66/ 65																				33	180			
64/ 63																				14	90			
62/ 61																				1	39			
60/ 59																					11			
58/ 57																					13			
56/ 55																					3			
TOTAL	1.5	10.4	20.0	22.0	14.5	11.0	10.1	6.9	2.6	1.0								1240	1240	1240	1240			

Element (X)	ΣX ²	ΣX	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature										Total
Rel. Hum.	6802629	90335	72.9	13.375	1240	≥ 73 F	≥ 67 F	≤ 32 F	≤ 0 F	≥ 80 F	≥ 93 F	0	744.0			
Dry Bulb	7722061	97639	78.7	5.227	1240	744.0	684.0	293.4				.6	744.0			
Wet Bulb	6421259	89153	71.9	3.029	1240	715.2	327.6						744.0			
Dew Point	5876905	85245	68.7	3.666	1240	542.4	187.8					6	744.0			

Mean No. of Hours with Temperature

No. Obs.

σ_x

\bar{x}

$\sum x$

$\sum x^2$

Element (X)

	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.			744.0	684.0	293.4	.6	744.0
Dry Bulb			715.2	327.6			744.0
Wet Bulb			542.4	187.8	.6		744.0
Dew Point							744.0

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PSYCHROMETRIC SUMMARY

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CUBI POINT, PHILIPPINES

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FEB

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HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 95											.2	.2						2	2		
94/ 93									.4	.6	.2	.1						15	15		
92/ 91								.4	1.3	.7	.2							29	29		
90/ 89						.3	1.1	2.0	1.4	.8	.2							64	64		
88/ 87					.1	.5	2.9	4.6	1.2									105	105		
86/ 85				.1	.6	1.2	3.1	2.2	.7	.2								92	92		
84/ 83			.2	.2	1.2	1.8	2.4	.6	.2									73	73		
82/ 81		.2	.5	1.3	2.7	1.4	.7	.4										82	82		
80/ 79		.3	1.5	2.9	3.1	1.4	.4	.1										109	109	12	1
78/ 77		.5	2.9	4.8	4.3	.7												149	149	64	10
76/ 75		1.2	4.2	6.0	3.6	.7	.2											180	180	176	30
74/ 73	.1	2.3	4.3	3.5	1.7	.4												138	138	281	81
72/ 71	.1	1.6	2.5	1.1	.4													64	64	232	176
70/ 69	.1	.9	.4	.5	.1													22	22	225	247
68/ 67		.3																3	3	94	265
66/ 65		.1																1	1	35	177
64/ 63																				9	77
62/ 61																					43
60/ 59																					17
58/ 57																					4
TOTAL	.3	7.4	16.4	20.4	17.7	8.5	10.7	10.3	5.2	2.3	.7	.1						1128	1128	1128	1128

Mean No. of Hours with Temperature

No. Obs.

\bar{x}

$\sum x$

$\sum x^2$

Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

Dew Point

	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	671.4	618.4	309.2	672.0
Dry Bulb	645.8	317.5	2.4	672.0
Wet Bulb	482.6	124.5	.6	672.0
Dew Point				

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

41231

CURT PRINT. ONL PPDNES

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05 PSYCHROMETRIC SUMMARY 7 JAN 68

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97												.2	.2	.1				7	7		
96/ 95												.7	.2					11	11		
94/ 93												.2	.2	.1				41	41		
92/ 91												.2	.2	.1				87	87		
90/ 89											.5	1.1	2.2	.9	.4			97	97		
88/ 87					.2	1.4	2.3	3.5	2.0	.5	.1							123	123		
86/ 85					.7	1.5	1.3	1.0	.4	.2								64	64		
84/ 83			.4	.6	1.6	1.7	.7			.1								64	64		
82/ 81			2.1	3.1	2.6	1.7	.4	.2										124	124		
80/ 79		.1	1.6	3.1	2.7	2.4	.5	.2	.2									134	134		
78/ 77		1.3	3.9	4.3	3.2	1.1	.1											172	172		
76/ 75	.1	2.0	4.8	3.9	2.3	.3												166	166		15
74/ 73	.1	2.0	2.5	2.2	.8	.1	.1											96	96		69
72/ 71		.6	1.1	.9	.2													34	34		149
70/ 69		.5	.2		.4													14	14		228
68/ 67			.2	.2	.2													6	6		235
66/ 65																					66
64/ 63																				18	237
62/ 61																				4	174
60/ 59																				8	70
58/ 57																				1	31
56/ 55																					9
TOTAL	.2	6.5	16.9	18.2	14.8	10.6	6.8	8.1	8.6	5.3	3.1	.7	.2					1240	1240	1240	1240

Element (X)	Σ X ²	Σ X	X̄	s ²	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5935653	83675	67.5	15.280	1240	≥ 80 F	≥ 73 F	≥ 67 F	≥ 63 F	≥ 59 F	≥ 55 F	744.0
Dry Bulb	8333003	101331	81.7	6.502	1240	744.0	711.6	413.4	35.4			744.0
Wet Bulb	6615044	90482	73.0	3.192	1240	725.4	439.8	4.8				744.0
Dew Point	5928370	85600	69.0	3.937	1240	559.8	216.6					744.0

PSYCHROMETRIC SUMMARY

41231

CUBI POINT, PHILIPPINES

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MAY

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HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
102/101														.1				2	2			
100/99												.6	.2					12	12			
98/97											.2	.3	.2					16	16			
96/95								.1	.2	1.5	.9	.6	.4					45	45			
94/93								1.0	1.8	1.4	1.9	.4	.1					80	80			
92/91					.1	1.0	4.2	1.5	.9	.6	.1							103	103			
90/89					.3	3.2	2.2	.3	.1									76	76			
88/87				.2	2.6	3.2	1.6	1.0	.1									108	108			
86/85			.2	2.5	7.5	3.1	1.2	.6										187	187			
84/83			1.3	4.2	2.7	1.2	.7	.1										126	126		8	
82/81		.8	4.4	5.5	2.9	1.7	.1											190	190		66	
80/79	.1	2.6	5.3	2.4	.6	.2												139	139		280	
78/77	.2	4.3	2.3	.7	.1													95	95		361	
76/75	.9	2.0	.4	.1														42	42		327	
74/73	.8	.3																14	14		149	
72/71	.3	.1																5	5		45	
70/69																				4		
68/67																					83	
66/65																					17	
64/63																					9	
TOTAL	2.3	10.0	14.0	15.6	16.7	13.6	11.0	5.6	3.9	4.0	1.4	1.4	.4	.1				1240	1240	1240	1240	

Element (X)	ΣX ³	ΣX	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature							Total
Rel. Hum.	6556996	88268	71.2	14.863	1240	≥ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb	9001835	105409	85.0	5.773	1240				744.0	741.0	610.8	744.0	
Wet Bulb	7352890	95438	77.0	2.443	1240				744.0	714.6	123.0	744.0	
Dew Point	6773528	91564	73.8	3.146	1240				728.4	603.0	19.8	744.0	

Mean No. of Hours with Temperature

No. Obs.

σ_x

\bar{x}

$\sum x$

$\sum x^2$

Element (X)

Total

≥93 F

≥80 F

≥73 F

≥67 F

≤32 F

≤0 F

1240

1240

1240

1240

1240

744.0

744.0

744.0

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PSYCHROMETRIC SUMMARY

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HOURS (L.S.T.)

PSYCHROMETRIC SUMMARY JAN 68

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97									.1	.2	.4							4	4		
96/ 95								.1	.2	.4								9	9		
94/ 93						.2	.7	.7	.1									21	21		
92/ 91						1.1	1.5	1.2	.1									47	47		
90/ 89					.8	3.7	2.2	.2	.1									85	85		
88/ 87				.3	4.5	4.6	.1											114	114		
86/ 85			.3	3.7	7.8	1.8												164	164		
84/ 83			2.6	8.2	4.2	.4												184	184	5	
82/ 81	.1	1.1	6.2	6.5	.7													176	176	66	5
80/ 79	.3	3.8	8.3	2.5	.1													181	181	300	47
78/ 77	1.5	5.7	5.8	.6														163	163	431	266
76/ 75	1.6	1.2	1.2	.1														49	49	283	450
74/ 73	.2		.1															3	3	104	308
72/ 71																				11	104
70/ 69																					19
68/ 67																					1
TOTAL	3.7	11.7	24.7	21.8	18.2	11.8	4.5	2.3	.6	.4	.2							1200	1200	1200	1200

Element (X)	ΣX ²	ΣX	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature							Total
Rel. Hum.	7425479	93449	77.9	11.118	1200	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F				
Dry Bulb	8330449	99831	83.2	4.589	1200	720.0	720.0	543.0	20.4			720.0	
Wet Bulb	7191980	92866	77.4	2.089	1200	720.0	713.4	109.8				720.0	
Dew Point	6790914	90238	75.2	2.075	1200	720.0	691.2	31.2				720.0	

Mean No. of Hours with Temperature

No. Obs.

σ_x

\bar{x}

Σx

Σx^2

Element (X)

Total

≥ 93 F

≥ 80 F

≥ 73 F

≥ 67 F

≥ 52 F

≤ 0 F

1200

1200

1200

1200

77.9

93449

7425479

7425479

8330449

7191980

6790914

720.0

20.4

543.0

720.0

720.0

720.0

720.0

720.0

720.0

720.0

720.0

720.0

720.0

720.0

720.0

720.0

720.0

720.0

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PSYCHROMETRIC SUMMARY

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5 PSYCHROMETRIC SUMMARY JAN 68

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97									.1									1	1		
96/ 95								.2	.2									4	4		
94/ 93						.1	.9	.7	.1									22	22		
92/ 91						.7	1.6	.6										37	37		
90/ 89					.4	2.4	1.8	.7	.1	.1								68	68		
88/ 87					4.4	4.6	1.5	.2										131	131		
86/ 85			.1	3.3	4.1	2.4	.2	.1										127	127		
84/ 83			2.8	5.6	3.5	1.9	.1											172	172	1	
82/ 81		.6	5.6	5.1	3.0	.2												179	179	51	
80/ 79		3.0	8.2	4.1	1.0	.2												204	204	251	23
78/ 77	.2	5.5	7.0	3.2	.4	.1												203	203	326	228
76/ 75	.2	3.4	1.7	.7	.2													77	77	359	352
74/ 73	.1	.9	.2															14	14	182	322
72/ 71		.1																1	1	61	209
70/ 69																				8	79
68/ 67																				1	21
66/ 65																					5
64/ 63																					1
TOTAL	.513	.425	.622	.016	.912	.6	6.0	2.5	.4	.1								1240	1240	1240	1240

Element (X)	ΣX ²	ΣX	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	
Rel. Hum.	7357817	95923	77.4	10.533	1240							744.0
Dry Bulb	8445035	102173	82.4	4.600	1240							744.0
Wet Bulb	7271644	94906	76.5	2.511	1240							744.0
Dew Point	6846754	92086	74.3	2.569	1240							744.0

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PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY JAN 68

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Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL		TOTAL		D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31			
94/ 93							.1	.3	.1									6	18	
92/ 91						.4	.9	.1	.1									18	25	
90/ 89					.3	1.0	.7											25	61	
88/ 87				.2	2.0	2.3	.4											61	92	
86/ 85			.6	1.0	4.3	1.5	.1											92	149	
84/ 83		1.4	1.9	4.0	4.4	.3												149	64	34
82/ 81	1.1	2.4	5.6	5.6	2.4													212	222	159
80/ 79	.5	4.9	6.4	5.6	.6													222	238	172
78/ 77	1.4	7.9	8.0	1.9	.1													238	174	397
76/ 75	3.1	6.5	3.5	.8	.1													174	41	236
74/ 73	.6	2.0	.6															41	2	62
72/ 71		.1	.1															2	4	11
70/ 69																				1
68/ 67																				1240
66/ 65																		1240	1240	1240
TOTAL	6.725	226.8	19.0	14.2	5.4	2.2	.4	.2										1240	1240	1240

Element (X)	ΣX ²	ΣX	X	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total
						≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	8682501	102971	83.0	10.308	1240						744.0
Dry Bulb	8052224	99796	80.5	4.075	1240						744.0
Wet Bulb	7209780	94504	76.2	2.436	1240						744.0
Dew Point	6904640	92474	74.6	2.590	1240						744.0

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HOURS (LST)

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Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
94/ 93												.2	.4	.3	.1	.1		13	13			
92/ 91							.1	.7	1.0	.7	.2	.3	.1					39	39			
90/ 89					.2	.6	3.5	2.2	.7	.8								99	99			
88/ 87					.7	2.7	3.6	.9	.2	.1								103	103			
86/ 85				.5	2.6	2.9	1.1	.4	.2									95	95			
84/ 83			.7	2.2	4.8	2.4	.5											132	132			
82/ 81		.4	3.2	3.7	4.8	1.5	.3	.2										175	175	8		
80/ 79	.1	1.6	5.1	6.5	2.0	1.0	.1											202	202	89	10	
78/ 77	.4	3.5	8.0	5.4	1.5	.3												236	236	261	63	
76/ 75	.8	3.3	3.6	1.9	.8													129	129	347	169	
74/ 73	.1	.7	.2	.2	.1													15	15	327	332	
72/ 71	.2																	2	2	157	314	
70/ 69																				35	193	
68/ 67																				15	74	
66/ 65																				1	35	
64/ 63																					37	
62/ 61																					9	
60/ 59																					4	
TOTAL	1.4	9.7	20.8	20.2	17.6	11.5	9.8	4.8	2.3	1.5	.4	.2						1240	1240	1240	1240	

Mean No. of Hours with Temperature

No. Obs.

\bar{x}

Σx

Σx^2

Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

Dew Point

	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	744.0	453.6	7.6	744.0
Dry Bulb	743.4	619.2	16.2	744.0
Wet Bulb	693.0	463.8	6.0	744.0
Dew Point				

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HOURS (L.S.T.)

05 PSYCHROMETRIC SUMMARY JAN 68

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
96/ 95									.1	.1	.3							1	1			
94/ 93									.1	.1	.5							6	6			
92/ 91									.1	.7	.5	.1						30	30			
90/ 89									.1	.6	.2	.2						66	66			
88/ 87									.7	2.6	.7	.2						81	81			
86/ 85									2.2	1.6	.2	.1						113	113			
84/ 83			.3	1.7	2.5	2.8	1.4	.5	.2	.1								115	115			
82/ 81		.1	1.1	3.1	1.7	1.3	1.2	.2	.1									105	105	1		
80/ 79		1.2	2.5	4.8	3.2	2.1	.3	.3	.2									176	176	24	4	
78/ 77	.8	2.7	6.0	3.7	3.9	1.5	.2	.1										228	228	144	32	
76/ 75	.5	3.3	3.6	2.4	1.9	.8	1.0											169	169	265	109	
74/ 73	1.7	1.8	2.0	.6	.7	.2	.2											87	87	328	207	
72/ 71	.6	.2	.4	.2	.2		.1											20	20	213	247	
70/ 69	.1		.1		.1													3	3	125	189	
68/ 67																				53	121	
66/ 65																				27	113	
64/ 63																				19	78	
62/ 61																					44	
60/ 59																			1	1	21	
58/ 57																				19	19	
56/ 55																					11	
54/ 53																					4	
52/ 51																					1	
TOTAL	4.1	9.4	16.0	16.7	16.6	12.7	9.5	6.7	3.9	2.7	1.2	.3						1200	1200	1200	1200	

Mean No. of Hours with Temperature

No. Obs.

σ_x

\bar{x}

$\sum x$

$\sum x^2$

Element (X)

Element (X)	$\sum x^2$	$\sum x$	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature	Total
Rel. Hum.	6359502	85366	71.1	15.463	1200	≥ 67 F	720.0
Dry Bulb	7826853	96723	80.6	5.063	1200	≥ 73 F	720.0
Wet Bulb	6433538	87780	73.2	3.219	1200	≥ 80 F	720.0
Dew Point	5842995	83545	69.6	4.703	1200	≥ 93 F	720.0

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HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B./W.B.	Dry Bulb	Wet Bulb
96/ 95																	.1	.2	.2	.1												1	1		
94/ 93																	.1	.1	.1	.2												7	7		
92/ 91																	.2	.1	.1	.1	.2											13	13		
90/ 89																	.4	1.2	.3	.3	.2											29	29		
88/ 87																	.6	2.0	1.4	.1	.1	.6										69	69		
86/ 85																	.4	2.4	2.7	2.4	1.0	.1										112	112		
84/ 83																	.2	2.9	3.7	.5												101	101		
82/ 81																	.2	3.7	2.5	.2	.1											137	137		
80/ 79																	.6	1.9	3.5	4.0	.3	.1										128	128	3	
78/ 77																	.2	5.7	6.0	1.7	.2											219	219	38	4
76/ 75																	.2	4.8	3.5	.3												182	182	135	13
74/ 73																	.8	3.3	3.6	1.5	.1											138	138	308	74
72/ 71																	.6	1.7	1.9	.6												69	69	324	204
70/ 69																	.4	1.1	.4	.2												31	31	256	221
68/ 67																	.1	.1	.2													4	4	118	281
66/ 65																																	47	47	241
64/ 63																																	10	10	126
62/ 61																																	1	1	53
60/ 59																																			19
58/ 57																																		4	4
TOTAL	2.2	4.4	15.2	19.8	19.8	15.7	11.9	5.2	3.9	1.3	.5	.1																				1240	1240	1240	

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						$\geq 73^\circ\text{F}$	$\geq 80^\circ\text{F}$	$\geq 83^\circ\text{F}$	$\geq 93^\circ\text{F}$			
Rel. Hum.	6209978	86318	69.6	12.745	1240	744.0	681.6	316.8	4.8	744.0	744.0	
Dry Bulb	7807718	98184	79.2	5.195	1240	709.2	290.4			744.0	744.0	
Wet Bulb	6349656	88664	71.5	2.825	1240	478.2	128.4			744.0	744.0	
Dew Point	5723188	84138	67.9	3.379	1240							

Mean No. of Hours with Temperature

No. Obs.

\bar{X}

$\sum X$

$\sum X^2$

Element (X)

Total

$\geq 93 F$

$\geq 80 F$

$\geq 73 F$

$\geq 67 F$

$\leq 32 F$

$\leq 0 F$

σ_x

$\sum X$

$\sum X^2$

Rel. Hum.

Dry Bulb

Wet Bulb

Dew Point

744.0

4.8

316.8

681.6

744.0

709.2

290.4

478.2

128.4

1240

86318

98184

88664

84138

744.0

744.0

744.0

744.0

744.0

744.0

744.0

744.0

744.0

744.0

744.0

744.0

744.0

744.0

NAVWEASERVCOM

MEANS AND STANDARD DEVIATIONS

5707 MEANS AND STANDARD DEVIATIONS JAN 68

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

41231 CURI POINT, PHILIPPINES

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HRS.(L.S.T.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
02	MEAN S. D. TOTAL OBS	73.9 1.912 155	74.3 2.222 141	75.2 2.312 155	78.9 2.186 150	80.1 2.367 155	79.2 2.157 150	78.6 2.111 155	77.9 2.406 155	77.6 1.753 155	76.2 2.026 150	75.0 2.794 155	77.0 2.968 1826
05	MEAN S. D. TOTAL OBS	73.3 1.876 155	73.4 2.269 141	74.3 2.246 155	77.6 2.052 150	79.2 2.199 155	78.4 2.156 150	78.1 2.173 155	77.5 2.485 155	76.8 1.706 155	75.5 2.185 150	74.6 3.066 155	76.3 2.958 1826
08	MEAN S. D. TOTAL OBS	76.5 1.842 155	77.6 2.350 141	79.9 2.503 155	84.4 1.875 150	85.0 2.993 155	83.4 2.019 150	82.6 2.801 155	80.4 2.918 155	81.2 2.339 155	80.0 2.562 150	77.8 3.269 155	80.9 3.597 1826
11	MEAN S. D. TOTAL OBS	84.7 2.750 155	86.0 2.520 141	88.5 2.632 155	92.0 2.117 150	90.6 4.733 155	87.9 3.352 150	86.7 3.893 155	83.9 3.947 155	86.1 3.433 150	86.0 3.450 150	84.3 3.691 155	87.0 4.159 1826
14	MEAN S. D. TOTAL OBS	86.3 2.520 155	88.8 3.039 141	91.1 3.255 155	94.3 3.688 150	91.1 3.906 155	88.1 4.335 150	87.3 4.503 155	84.3 4.708 155	86.4 4.254 150	87.5 4.011 150	86.1 3.767 155	88.2 4.843 1826
17	MEAN S. D. TOTAL OBS	82.8 2.165 155	84.8 2.755 141	87.0 3.148 155	90.2 3.492 150	88.2 4.814 155	85.7 3.770 150	84.5 4.086 155	81.8 3.601 155	83.3 3.950 150	83.4 2.811 150	82.2 3.212 155	84.8 4.240 1826
20	MEAN S. D. TOTAL OBS	77.5 2.124 155	78.8 2.332 141	80.6 2.360 155	83.9 1.632 150	84.1 3.431 155	82.5 2.618 150	81.6 2.771 155	79.7 2.737 155	80.6 2.055 155	79.1 2.088 150	77.6 2.718 155	80.5 3.265 1826
23	MEAN S. D. TOTAL OBS	75.0 1.837 155	75.9 2.188 141	77.3 2.265 155	80.9 1.752 150	81.8 2.896 155	80.4 2.276 150	79.7 2.232 155	78.3 2.400 155	78.6 2.112 150	77.1 2.014 150	75.9 2.472 155	78.3 3.014 1826
ALL HOURS	MEAN S. D. TOTAL OBS	78.7 5.227 1240	80.0 5.967 1128	81.7 6.502 1240	83.3 6.321 1200	85.0 5.774 1240	83.2 4.590 1200	82.4 4.601 1240	80.5 4.075 1240	81.3 4.539 1200	80.6 5.063 1200	79.2 5.196 1240	81.6 5.628 14608

NAVWEASERVCOM

MEANS AND STANDARD DEVIATIONS

5707 MEANS AND STANDARD DEVIATIONS JAN 68

PRINTED BY THE STANDARD RESISTANCE COMPANY, U. S. A.

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

73-77

CUBI POINT, PHILIPPINES

STATION

STATION NAME

YEARS

HRS.(LST.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
02	MEAN 70.1 S. D. 2.403 TOTAL OBS 155	69.9 2.425 141	70.9 2.720 155	73.8 2.013 150	75.4 1.871 153	75.9 1.643 150	75.0 2.016 155	75.0 2.087 155	74.1 1.779 150	73.3 2.084 153	71.4 3.022 150	69.8 2.537 155	72.9 3.155 1826
05	MEAN 69.6 S. D. 2.398 TOTAL OBS 155	69.5 2.497 141	70.3 2.617 155	73.0 1.971 150	74.9 1.789 155	75.4 1.622 150	74.6 2.174 155	74.7 2.143 155	73.8 1.819 150	72.7 2.147 155	70.8 3.067 150	69.4 2.520 155	72.4 3.180 1826
08	MEAN 71.2 S. D. 2.793 TOTAL OBS 155	71.2 2.757 141	72.5 2.897 155	75.5 1.959 150	77.1 2.006 155	77.9 1.335 150	77.0 2.152 155	76.5 2.062 155	76.1 1.554 150	75.4 2.099 155	73.1 2.867 150	71.0 2.548 155	74.5 3.362 1826
11	MEAN 73.6 S. D. 2.711 TOTAL OBS 155	73.5 2.183 141	74.1 2.341 155	76.6 1.593 150	78.1 2.177 155	79.0 1.530 150	78.4 1.976 155	77.9 2.260 155	77.6 1.781 150	76.7 2.126 155	74.9 2.554 150	73.2 2.387 155	76.1 2.972 1826
14	MEAN 74.2 S. D. 2.528 TOTAL OBS 155	74.7 1.998 141	75.1 2.267 155	77.6 1.785 150	78.6 2.307 155	79.2 1.786 150	78.4 2.198 155	77.9 2.299 155	77.7 2.044 150	77.0 2.141 155	75.3 2.589 150	73.9 2.218 155	76.6 2.825 1826
17	MEAN 73.5 S. D. 2.437 TOTAL OBS 155	74.1 2.483 141	74.9 2.687 155	77.3 1.978 150	78.3 2.188 155	78.2 1.704 150	77.2 2.186 155	76.6 2.105 155	76.4 1.992 150	75.7 1.951 155	74.5 2.654 150	73.0 2.058 155	75.8 2.803 1826
20	MEAN 72.1 S. D. 2.759 TOTAL OBS 155	72.6 2.840 141	73.8 3.161 155	76.5 2.421 150	77.2 2.260 155	77.1 1.701 150	76.3 2.075 155	75.8 2.099 155	75.4 1.746 150	74.8 2.009 155	73.1 2.962 150	71.4 2.149 155	74.7 3.069 1826
23	MEAN 70.9 S. D. 2.512 TOTAL OBS 155	71.0 2.588 141	72.1 2.886 155	75.0 2.434 150	76.3 2.073 155	76.5 1.725 150	75.5 2.157 155	75.2 2.088 155	74.7 1.778 150	73.8 2.149 155	72.1 2.831 150	70.3 2.258 155	73.6 3.144 1826
ALL HOURS	MEAN 71.9 S. D. 3.030 TOTAL OBS 1240	72.1 3.073 1126	73.0 3.193 1240	75.7 2.553 1200	77.0 2.443 1240	77.4 2.090 1200	76.5 2.511 1240	76.2 2.437 1240	75.7 2.280 1200	74.9 2.547 1240	73.2 3.220 1200	71.5 2.826 1240	74.6 3.392 14608

MEANS AND STANDARD DEVIATIONS

5707 MEANS AND STANDARD DEVIATIONS JAN 68

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

73-77

CUBI POINT, PHILIPPINES

41231

HRS.(L.S.T.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
02	MEAN	68.2	67.8	68.9	71.5	73.5	74.6	73.5	73.9	72.7	71.3	68.9	71.0
	S. D.	3.367	3.208	3.443	2.689	1.977	2.461	2.485	2.114	2.994	4.623	3.403	3.960
	TOTAL OBS	155	141	155	150	155	155	155	150	155	150	155	1826
05	MEAN	67.7	67.4	68.3	71.0	73.1	74.2	73.2	73.6	72.4	70.8	68.3	70.6
	S. D.	3.359	3.383	3.361	2.591	2.613	1.877	2.599	2.536	2.115	3.065	4.674	4.003
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	1826
08	MEAN	68.7	68.1	69.0	71.8	73.9	75.8	74.9	75.0	74.0	72.7	69.8	71.8
	S. D.	3.954	3.655	3.785	2.883	2.948	1.790	2.399	2.331	2.046	3.210	4.758	4.280
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	1826
11	MEAN	68.6	67.9	67.7	70.3	73.3	75.6	75.2	75.7	74.3	72.4	69.9	71.6
	S. D.	3.708	2.906	3.359	2.558	3.553	2.070	2.342	2.341	2.491	3.569	4.786	4.408
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	1826
14	MEAN	68.9	68.4	68.1	70.7	73.8	75.9	75.1	75.6	74.4	72.5	69.9	71.8
	S. D.	4.009	3.334	4.027	3.979	3.816	2.146	2.357	2.437	2.542	3.782	4.902	4.551
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	1826
17	MEAN	69.4	69.3	69.8	72.1	74.5	75.4	74.4	74.6	73.6	72.1	70.4	72.0
	S. D.	3.652	3.518	4.323	3.726	3.304	2.034	2.438	2.501	2.264	3.179	4.687	4.051
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	1826
20	MEAN	69.6	69.8	70.8	73.6	74.5	75.1	74.1	74.3	73.4	72.3	70.2	72.2
	S. D.	3.639	3.741	4.367	3.583	2.962	2.053	2.536	2.497	2.181	2.943	4.533	3.928
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	1826
23	MEAN	68.9	68.6	69.7	72.5	74.2	75.0	73.8	74.0	73.1	71.6	69.5	71.5
	S. D.	3.317	3.398	3.849	3.361	2.803	2.079	2.671	2.593	2.203	3.175	4.395	3.990
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	1826
ALL HOURS	MEAN	68.7	68.4	69.0	71.7	73.8	75.2	74.3	74.6	73.5	72.0	69.6	71.6
	S. D.	3.666	3.472	3.938	3.356	3.146	2.076	2.570	2.591	2.350	3.298	4.703	4.182
	TOTAL OBS	1240	1128	1240	1200	1240	1200	1240	1240	1200	1240	1200	14608

NAVWEASERVCOM

2A2

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	02	100.0	100.0	100.0	100.0	100.0	99.4	92.9	61.9	18.7	83.0	155
	05	100.0	100.0	100.0	100.0	100.0	98.7	92.3	61.9	21.3	83.1	155
	08	100.0	100.0	100.0	100.0	100.0	94.8	78.7	36.1	7.7	77.3	155
	11	100.0	100.0	100.0	99.4	89.7	42.6	5.8			59.1	155
	14	100.0	100.0	100.0	98.7	74.8	36.1	5.2	.6	.6	56.9	155
	17	100.0	100.0	100.0	100.0	96.1	67.1	20.0	2.6	1.9	64.6	155
	20	100.0	100.0	100.0	100.0	100.0	98.7	82.6	29.0	4.5	77.2	155
	23	100.0	100.0	100.0	100.0	100.0	100.0	92.9	59.4	11.0	81.6	155
TOTALS		100.0	100.0	100.0	99.8	95.1	79.7	58.8	31.4	8.2	72.9	1240

NAVWEASERVCOM

RELATIVE HUMIDITY

41231

CUBI POINT, PHILIPPINES

73-77

ΔP R

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	02	100.0	100.0	100.0	100.0	100.0	99.3	88.0	34.7	10.0	78.7	150
	05	100.0	100.0	100.0	100.0	100.0	100.0	90.7	48.0	10.7	80.4	150
	08	100.0	100.0	100.0	100.0	100.0	77.3	24.7	4.7		66.4	150
	11	100.0	100.0	100.0	93.3	42.7	5.3				49.6	150
	14	100.0	100.0	99.3	64.7	42.0	14.7	1.3	1.3	.7	47.8	150
	17	100.0	100.0	100.0	90.7	70.7	40.7	10.0	.7	.7	56.7	150
	20	100.0	100.0	100.0	100.0	99.3	87.3	58.7	16.7	.7	71.8	150
	23	100.0	100.0	100.0	100.0	100.0	96.7	76.7	28.7	6.7	76.1	150
TOTALS		100.0	100.0	99.9	93.6	81.8	65.2	43.8	16.9	3.7	65.9	1200

RELATIVE HUMIDITY

61231 CUBI POINT, PHILIPPINES

73-77

2007

STATION

STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE	STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE
STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE	STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE

PERIOD

MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.	
		10%	20%	30%	40%	50%	60%	70%	80%			90%
JUN	02	100.0	100.0	100.0	100.0	100.0	100.0	98.7	79.3	30.0	86.2	150
	05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	85.3	27.3	87.2	150
	08	100.0	100.0	100.0	100.0	100.0	100.0	91.3	29.3	10.0	78.4	150
	11	100.0	100.0	100.0	100.0	98.0	79.3	35.3	6.7	2.0	67.8	150
	14	100.0	100.0	100.0	100.0	94.7	81.3	30.0	11.3	4.7	68.2	150
	17	100.0	100.0	100.0	100.0	98.7	90.0	52.0	18.7	4.0	72.2	150
	20	100.0	100.0	100.0	100.0	100.0	100.0	85.3	34.0	11.3	78.8	150
	23	100.0	100.0	100.0	100.0	100.0	100.0	98.7	61.3	24.0	84.2	150
TOTALS		100.0	100.0	100.0	100.0	98.9	93.8	73.9	40.7	14.2	77.9	1200

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1998

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41231

STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE	STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE
STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE	STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	02	100.0	100.0	100.0	100.0	100.0	100.0	98.7	72.3	20.0	84.6	155
	05	100.0	100.0	100.0	100.0	100.0	100.0	99.4	73.5	22.6	85.1	155
	08	100.0	100.0	100.0	100.0	100.0	100.0	85.2	31.0	6.5	78.1	155
	11	100.0	100.0	100.0	100.0	99.4	81.3	37.4	14.8	6.5	69.4	155
	14	100.0	100.0	100.0	100.0	98.1	74.8	31.0	11.0	5.2	68.1	155
	17	100.0	100.0	100.0	100.0	100.0	91.0	52.9	21.3	4.5	72.3	155
	20	100.0	100.0	100.0	100.0	100.0	100.0	82.6	35.5	11.0	78.7	155
	23	100.0	100.0	100.0	100.0	100.0	100.0	93.5	63.2	15.5	82.7	155
TOTALS		100.0	100.0	100.0	100.0	99.7	93.4	72.6	40.3	11.5	77.4	1240

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73-77

CUBI POINT, PHILIPPINES

41231

DEC

MONTH

PERIOD

STATION NAME

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

NAVWEASERVCOM

RELATIVE HUMIDITY

5706 RELATIVE HUMIDITY JAN 68

ALL

73-77

CUBI POINT, PHILIPPINES

MONTH

PERIOD

STATION NAME

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	100.0	99.8	95.1	79.7	58.8	31.4	8.2	72.9	1240
FEB		100.0	100.0	100.0	99.4	90.5	71.0	50.5	23.7	5.0	69.4	1128
MAR		100.0	100.0	99.8	96.3	81.7	66.5	48.5	23.3	3.2	67.5	1240
APR		100.0	100.0	99.9	93.6	81.8	65.2	43.8	16.9	3.7	65.9	1200
MAY		100.0	100.0	99.9	97.3	90.7	77.3	53.1	27.0	11.5	71.2	1240
JUN		100.0	100.0	100.0	100.0	98.9	93.8	73.9	40.7	14.2	77.9	1200
JUL		100.0	100.0	100.0	100.0	99.7	93.4	72.6	40.3	11.5	77.4	1240
AUG		100.0	100.0	100.0	100.0	99.9	98.4	87.3	59.0	27.5	83.0	1240
SEP		100.0	100.0	100.0	100.0	99.7	93.3	74.8	44.2	14.1	78.2	1200
OCT		100.0	100.0	100.0	99.3	95.4	82.7	60.8	32.3	8.6	73.4	1240
NOV		100.0	100.0	99.9	98.2	89.4	73.7	52.5	29.6	11.2	71.2	1200
DEC		100.0	100.0	100.0	99.4	93.1	75.6	47.7	21.4	4.7	69.6	1240
TOTALS		100.0	100.0	100.0	98.6	93.0	80.9	60.4	32.5	10.3	73.1	14608

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

WIND DIRECTION

41231
STATION

CUBI POINT, PHILIPPINES

JAN 1973 - DEC 1977

STATION NAME

YEARS

JANUARY

MONTH

ALL

HOURS (L.S.T.)

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96			100.0							5	.4
87 TO 91	3.8	5.7	67.9	5.7	.9	10.4	3.8		1.9	106	8.5
82 TO 86	7.4	12.1	36.9	2.7	3.4	9.1	2.0	2.4	4.0	297	24.0
77 TO 81	15.4	21.5	50.5	2.7		.7			9.2	293	23.6
72 TO 76	1.4	24.9	57.5	2.6					13.5	497	40.1
67 TO 71	4.8	9.5	42.9	2.4					40.5	42	3.4
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	6.5	18.8	56.3	2.9	.9	3.2	.8	.6	10.1	1240	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS.

WIND DIRECTION

STATION 41231 CUBI POINT, PHILIPPINES JAN 1973 - DEC 1977 FEBRUARY ALL
 STATION NAME YEARS MONTH HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96		10.3	75.9	6.9		6.9				29	2.6
87 TO 91	5.4	7.0	66.7	5.9	2.2	9.1	1.6	1.6	.5	186	16.5
82 TO 86	15.2	9.0	56.7	2.4	4.3	6.2	1.9	2.4	1.9	210	18.6
77 TO 81	12.2	23.4	54.2	3.1	.7	.7		.7	5.1	295	26.2
72 TO 76	1.4	23.4	60.4	3.6					11.1	359	31.8
67 TO 71		12.5	64.6	2.1					20.8	48	4.3
62 TO 66			100.0							1	.1
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	7.4	17.2	59.8	3.6	1.3	3.0	.6	.9	6.2	1128	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

WIND DIRECTION

41231 CUBI POINT, PHILIPPINES JAN 1973 - DEC 1977 MONTH MARCH ALL
STATION NAME YEARS HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101		85.7			14.3					7	.6
92 TO 96	1.0	10.5	65.7	12.4	1.0	6.7	2.9			105	8.5
87 TO 91	17.3	5.5	57.1	2.4	.4	12.2	2.0	2.0	1.2	254	20.5
82 TO 86	29.3	9.1	50.5	2.5	.5	3.5		.3	4.5	198	16.0
77 TO 81	9.4	13.3	58.1	5.3	.6	.3			12.8	360	29.0
72 TO 76	.7	9.7	59.4	3.8	1.4				25.0	288	23.2
67 TO 71	3.6	10.7	64.3						21.4	20	2.3
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	11.3	9.8	57.9	4.4	.8	3.7	.6	.5	11.0	1240	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

WIND DIRECTION

41231
STATION

CUBI POINT, PHILIPPINES

JAN 1973 - DEC 1977

APRIL

ALL

HOURS (L.S.T.)

MONTH

YEARS

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101		13.0	76.1	8.7	2.2					46	3.8
92 TO 96	5.6	9.8	61.7	8.9	.9	10.7	1.9	.5		214	17.8
87 TO 91	18.1	2.1	30.9	3.7	4.8	33.5	2.7	3.2	1.1	188	15.7
82 TO 86	19.5	10.7	50.7	2.5	2.2	2.2	.3		12.1	365	30.4
77 TO 81	1.5	7.1	65.6	3.7	.3				21.8	326	27.2
72 TO 76		5.0	56.7	5.0				1.7	31.7	60	5.0
67 TO 71									100.0	1	.1
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	10.2	8.0	54.8	4.5	1.8	7.8	.8	.7	11.4	1200	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

WIND DIRECTION

41231
STATION

CUBI POINT, PHILIPPINES

JAN 1973 - DEC 1977

MAY

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101		10.0	73.3	10.0	3.3	3.3				30	2.4
92 TO 96	10.0	7.2	39.4	1.1	1.1	33.3	6.1	.6	1.1	180	14.5
87 TO 91	20.7	5.2	21.6	.4	3.0	39.7	3.9	1.3	4.3	232	18.7
82 TO 86	17.0	10.4	37.8	1.9	4.7	7.1	1.9	.9	18.2	423	34.1
77 TO 81	3.6	4.5	43.9	2.2	5.4	3.8	1.9	2.2	32.2	314	25.3
72 TO 76	1.7	1.7	13.3		5.0	46.7	5.0	5.0	21.7	60	4.8
67 TO 71									100.0	1	.1
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	12.2	7.0	36.2	1.7	4.0	18.0	3.0	1.5	16.5	1240	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

WIND DIRECTION

41231
STATION

CUBI POINT, PHILIPPINES

JAN 1973 - DEC 1977

MONTH

JUNE

HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+										
117 TO 121										
112 TO 116										
107 TO 111										
102 TO 106										
97 TO 101		75.0	25.0						4	.3
92 TO 96	1.9	7.7	30.8	3.8	44.2	7.7	1.9	1.9	52	4.3
87 TO 91	6.7	3.1	9.8		4.9	8.9	2.2	.4	224	18.7
82 TO 86	13.3	7.3	18.4	.7	14.0	3.8	1.8	15.1	451	37.6
77 TO 81	2.6	3.6	39.1	3.8	10.6	3.8	1.2	30.5	417	34.8
72 TO 76	1.9	3.8	46.2	1.9	1.9	5.8		34.6	52	4.3
67 TO 71										
62 TO 66										
57 TO 61										
52 TO 56										
47 TO 51										
42 TO 46										
37 TO 41										
32 TO 36										
27 TO 31										
22 TO 26										
17 TO 21										
12 TO 16										
7 TO 11										
2 TO 6										
-3 TO 1										
-8 TO -4										
-13 TO -9										
-18 TO -14										
-23 TO -19										
-28 TO -24										
-33 TO -29										
-38 TO -34										
-43 TO -39										
-48 TO -44										
-53 TO -49										
-58 TO -54										
-59 & LWR										
TOTALS	7.3	5.3	25.8	1.6	10.0	23.3	5.0	1.6	17.9	1200 100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS.

WIND DIRECTION

STATION NAME CUBI POINT, PHILIPPINES YEAR JAN 1973 - DEC 1977 MONTH JULY ALL
HOURS (L.S.T.)

STATION 41231

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101			100.0							1	.1
92 TO 96	4.5	6.8	38.6	11.4		27.3	11.4			44	3.5
87 TO 91	9.2	3.7	11.9	.5	5.5	47.2	12.8	3.2	6.0	218	17.6
82 TO 86	14.5	7.0	13.0	.8	6.3	31.6	8.0	1.8	17.0	399	32.2
77 TO 81	6.4	5.8	30.2	2.7	11.9	8.2	3.3	.8	30.7	486	39.2
72 TO 76	6.5	3.3	26.1	4.3	9.8	8.7		1.1	40.2	92	7.4
67 TO 71											
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	9.4	5.6	21.3	2.1	8.4	23.3	6.5	1.5	21.5	1240	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

WIND DIRECTION

41231
STATION

CUBI POINT, PHILIPPINES

JAN 1973 - DEC 1977

YEARS

AUGUST

ALL

HOURS L.S.T.

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96			54.5	18.2		27.3				11	.9
87 TO 91	7.1	6.1	22.2	3.0		41.4	13.1	1.0	6.1	99	8.0
82 TO 86	7.5	5.3	8.6	.6	5.0	32.8	31.4	1.4	7.5	360	29.0
77 TO 81	5.1	3.8	17.7	.9	13.2	16.5	12.8	1.8	28.2	553	44.6
72 TO 76	7.8	4.6	16.1	3.7	9.7	12.0	6.6	.5	41.0	217	17.5
67 TO 71											
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	6.4	4.5	15.5	1.6	9.0	22.5	16.7	1.4	22.4	1240	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE

VS.

WIND DIRECTION

41231
STATION

CUBI POINT, PHILIPPINES

JAN 1973 - DEC 1977

SEPTEMBER

ALL

HOURS (L.S.T.)

STATION NAME

YEARS

MONTH

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96			45.5			36.4	18.2			11	.9
87 TO 91	10.6	3.9	26.3	3.9	1.1	36.9	14.0	2.8	.6	179	14.9
82 TO 86	12.2	9.8	22.0	1.8	3.7	30.3	4.9	1.8	13.5	327	27.3
77 TO 81	7.7	6.9	31.4	1.8	7.7	9.1	3.2	1.0	31.2	506	42.2
72 TO 76	2.8	8.0	28.4	.6	11.4	6.3	4.0		38.6	176	14.7
67 TO 71			100.0							1	.1
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	8.6	7.3	27.8	1.9	6.1	18.8	5.5	1.3	22.6	1200	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

WIND DIRECTION

41231
STATION

CUBI POINT, PHILIPPINES
STATION NAME

JAN 1973 - DEC 1977
YEARS

OCTOBER
MONTH

ALL
HOURS (24 HRS.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96		3.3	63.3	6.7		13.3		3.3	10.0	30	2.4
87 TO 91	6.7	5.4	61.2	2.2	2.2	16.1	2.7	1.8	1.8	224	16.1
82 TO 86	16.3	8.5	30.1	2.8	6.6	6.2	5.0	4.1	18.5	319	25.7
77 TO 81	5.4	9.8	34.9	3.6	5.3	6.5	3.3	1.7	29.0	521	42.0
72 TO 76	1.4	8.3	34.5	2.1	7.6	4.8	.7	1.4	39.3	145	11.7
67 TO 71			100.0							1	.1
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	7.8	8.3	39.1	3.1	5.4	6.6	3.2	2.3	22.1	1240	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

WIND DIRECTION

41231 CUBI POINT, PHILIPPINES STATION NAME JAN 1973 - DEC 1977 YEARS NOVEMBER MONTH ALL HOURS (L.S.T.)

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96			88.9	5.6		5.6				18	1.5
87 TO 91	3.6	15.1	66.3	4.2	3.0	4.2	1.2	.6	1.8	166	13.8
82 TO 86	12.6	17.7	47.3	2.9	4.0	2.9	.7	5.8	6.1	277	23.1
77 TO 81	4.3	20.9	47.4	2.6	3.3	.7	2.0	3.0	15.9	460	38.3
72 TO 76	1.1	17.3	50.4	4.0	.7	.4	.4		25.7	272	22.7
67 TO 71			42.9						57.1	7	.6
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	5.3	15.1	51.3	3.3	2.6	1.7	1.2	2.6	13.9	1200	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

WIND DIRECTION

41231
STATION

CUBI POINT, PHILIPPINES

JAN 1973 - DEC 1977

STATION NAME

WIND DIRECTION

DECEMBER

MONTH

ALL

HOURS (L.S.T.)

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96			93.8			6.3				16	1.3
87 TO 91	1.0	18.4	75.7	1.0	1.9	1.0			1.0	103	8.3
82 TO 86	3.6	26.5	60.9	2.2	1.4	2.2	.7	.7	1.8	279	22.5
77 TO 81	3.3	21.8	63.2	1.9	.2				9.6	418	33.7
72 TO 76	1.4	23.2	56.6	2.2					16.7	366	29.5
67 TO 71	8.6	12.1	46.6	1.7	1.7				29.3	58	4.7
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	2.8	22.3	61.4	1.9	.6	.6	.2	.2	10.0	1240	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

WIND DIRECTION

41231 CUBI POINT, PHILIPPINES JAN 1973 - DEC 1977 ALL MONTH ALL HOURS (L.S.T.)

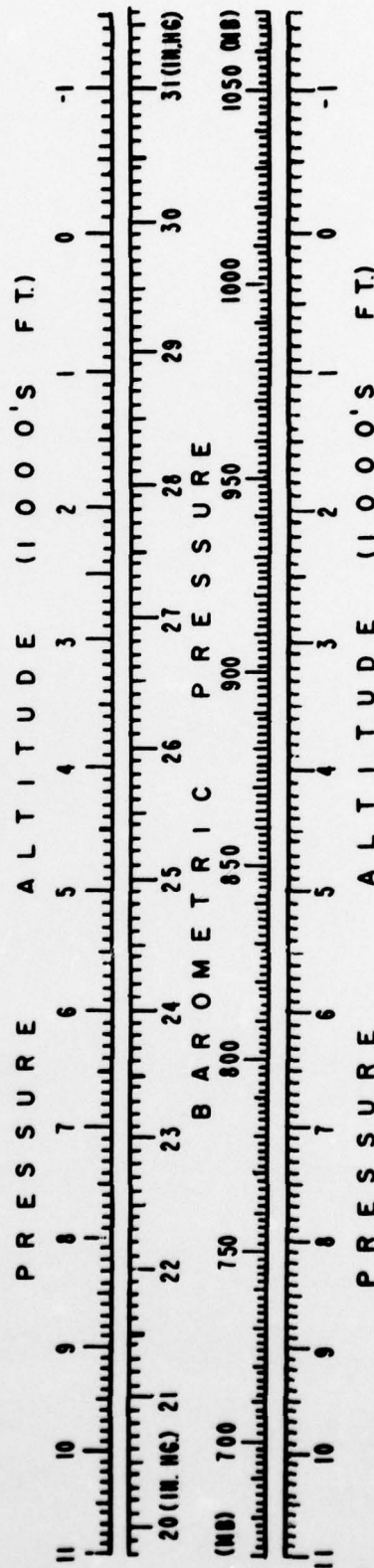
WIND DIRECTION											
TEMP.	NNW & N	NNE & NE	ESE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96	4.8	13.6	73.9	6.0	3.4	1.1	4.1	.6	.8	88	.6
87 TO 91	10.2	7.8	55.0	6.7	.7	19.6	5.5	1.8	2.2	715	4.9
82 TO 86	13.8	6.1	40.9	2.5	2.7	28.0	5.6	1.9	11.1	2179	14.9
77 TO 81	6.1	10.7	35.0	1.8	5.2	15.0	3.1	1.2	22.5	3905	26.7
72 TO 76	2.1	11.2	42.4	2.8	5.7	5.1	1.0	.3	23.6	4949	33.9
67 TO 71	4.3	16.0	48.1	2.9	2.8	3.2				2984	17.7
62 TO 66		10.7	52.9	1.6	.5				29.9	187	1.3
57 TO 61			100.0							1	.0
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	7.9	11.0	42.2	2.7	4.3	11.4	3.7	1.2	15.5	14608	100.0

PART F PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.
2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



MEANS AND STANDARD DEVIATIONS

5707 MEANS AND STANDARD DEVIATIONS JAN 68

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

41231 CUBI POINT, PHILIPPINES		73-77												YEARS	
STATION NAME		STATION NAME												STATION NAME	
HRS.(LST.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL	
02	MEAN	29.80629	82829	81529	76329	71529	69329	68829	67129	70529	70629	72929	782	29.741	
	S. D.	.057	.055	.055	.039	.088	.073	.060	.075	.077	.088	.086	.055	.086	
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826	
05	MEAN	29.80129	82029	81129	76129	71129	68629	67829	65829	69429	70029	72629	774	29.734	
	S. D.	.058	.054	.052	.039	.089	.075	.063	.076	.075	.088	.090	.055	.088	
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826	
06	MEAN	29.85029	86929	86329	80729	74929	71429	71029	69429	73429	74929	77429	822	29.777	
	S. D.	.060	.053	.049	.039	.089	.074	.064	.076	.078	.083	.089	.056	.091	
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826	
11	MEAN	29.84329	86629	85729	79429	74129	71029	70829	69329	73229	74029	76329	816	29.772	
	S. D.	.060	.054	.050	.040	.086	.072	.061	.075	.075	.079	.085	.054	.089	
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826	
14	MEAN	29.76829	78629	77729	72029	68229	66629	66329	65029	67229	67429	69329	747	29.708	
	S. D.	.059	.054	.052	.036	.081	.071	.060	.072	.072	.078	.084	.033	.081	
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826	
17	MEAN	29.77329	78029	76529	70629	66929	65529	65529	64129	67329	68029	70229	752	29.704	
	S. D.	.057	.057	.053	.038	.082	.070	.060	.071	.070	.081	.088	.052	.082	
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826	
20	MEAN	29.82629	83429	81929	76729	72329	70329	70229	68929	72029	73129	75729	806	29.756	
	S. D.	.059	.059	.054	.038	.084	.071	.059	.074	.075	.086	.082	.055	.085	
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826	
23	MEAN	29.83929	85929	85129	79929	75229	73029	72629	71529	74329	74729	76629	815	29.778	
	S. D.	.059	.056	.055	.040	.086	.072	.058	.074	.075	.089	.083	.057	.084	
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826	
ALL HOURS	MEAN	29.81329	83029	82029	76529	71829	69529	69129	67629	70929	71629	73929	789	29.746	
	S. D.	.066	.064	.063	.051	.090	.076	.065	.078	.079	.088	.090	.062	.090	
	TOTAL OBS	1260	1128	1240	1200	1240	1200	1240	1240	1200	1240	1200	1240	14608	

MEANS AND STANDARD DEVIATIONS

5707 MEANS AND STANDARD DEVIATIONS JAN 68

SEA LEVEL PRESSURE IN HRS FROM HOURLY OBSERVATIONS

73-77

CUBI POINT, PHILIPPINES

41231

STATION NAME

YEARS

HRS (LST.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
02	MEAN S. D. TOTAL OBS	1011.2 1.932 155	1011.9 1.844 141	1011.5 1.858 155	1009.7 1.306 150	1007.3 2.450 150	1007.2 2.025 155	1006.6 2.510 155	1007.7 2.500 150	1007.8 2.967 155	1008.6 2.906 150	1010.3 1.862 155	1009.0 2.913 1826
05	MEAN S. D. TOTAL OBS	1011.0 1.957 153	1011.7 1.790 141	1011.3 1.735 155	1009.6 1.314 150	1007.9 2.583 150	1006.8 2.086 155	1006.1 2.567 155	1007.4 2.512 150	1007.6 2.951 155	1008.5 3.053 150	1010.1 1.864 155	1008.7 2.969 1826
08	MEAN S. D. TOTAL OBS	1012.6 2.019 155	1013.3 1.800 141	1013.1 1.656 155	1011.2 1.308 150	1008.1 2.475 150	1007.9 2.165 155	1007.4 2.547 155	1008.7 2.631 150	1009.2 2.777 155	1010.1 3.010 150	1011.7 1.903 155	1010.2 3.083 1826
11	MEAN S. D. TOTAL OBS	1012.4 2.002 155	1013.2 1.808 141	1012.9 1.707 155	1010.8 1.329 150	1007.9 2.432 150	1007.8 2.070 155	1007.4 2.525 155	1008.7 2.524 150	1008.9 2.691 155	1009.8 2.838 150	1011.5 1.801 155	1010.0 3.000 1826
14	MEAN S. D. TOTAL OBS	1009.9 1.982 155	1010.5 1.785 141	1010.2 1.728 155	1008.2 1.228 150	1006.4 2.372 150	1006.4 2.021 155	1005.9 2.392 155	1006.6 2.422 150	1006.7 2.658 155	1007.4 2.900 150	1009.1 1.792 155	1007.8 2.724 1826
17	MEAN S. D. TOTAL OBS	1010.0 1.907 155	1010.3 1.921 141	1009.8 1.770 155	1007.8 1.264 150	1006.5 2.364 150	1006.0 1.962 155	1005.6 2.388 155	1006.6 2.373 150	1006.9 2.732 155	1007.7 2.967 150	1009.3 1.750 155	1007.7 2.759 1826
20	MEAN S. D. TOTAL OBS	1011.8 1.981 155	1012.1 1.984 141	1011.6 1.826 155	1009.8 1.278 150	1007.7 2.397 150	1007.7 1.994 155	1007.2 2.479 155	1008.3 2.510 150	1008.6 2.907 155	1009.5 2.865 150	1011.2 1.849 155	1009.5 2.854 1826
23	MEAN S. D. TOTAL OBS	1012.3 1.993 155	1013.0 1.874 141	1012.7 1.865 155	1010.9 1.347 150	1008.6 2.421 150	1008.6 1.948 155	1008.1 2.491 155	1009.0 2.499 150	1009.2 2.990 155	1009.8 2.795 150	1011.5 1.909 155	1010.2 2.840 1826
ALL HOURS	MEAN S. D. TOTAL OBS	1011.4 2.202 1240	1012.0 2.138 1128	1011.6 2.102 1240	1009.8 1.736 1200	1007.4 2.560 1200	1007.3 2.176 1240	1006.8 2.609 1240	1007.9 2.641 1200	1008.1 2.984 1240	1008.9 3.065 1200	1010.6 2.068 1240	1009.1 3.043 1460.8